Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

SB115
.Z9B635
R

APITOL CITY SEEDS FOR 1957

LIBRARY
RECEIVED
★ JAN 10 1957 ★
U. S. Department of Agriculture

For the story of this cover see page 2

U.S.D.A.
NAT'L AGRIC. LIBRARY
RECEIVED
JUL 6 1965
PROCUREMENT SECTION
CURRENT SERIAL RECORDS

CAPITOL PARK
LAWN GRASS SEED

Bolgiano's

Plant an All-America Garden for 1957

F. W. BOLGIANO & CO., WASHINGTON 2, D. C.
411 New York Ave., N. E.—Tel. Lincoln 7-4800 • 1220 H Street, N. W.—Tel. National 8-0091

Bolgiano's CAPITOL PARK LAWN GRASS SEED *"The Nation's Pride!"*

Truly a top-grade lawn mixture, containing a carefully selected, well-balanced blend of highest quality, recleaned seed to produce a fine lawn in the Washington, Maryland and Virginia area. Capitol Park Lawn Seed is the result of over 60 years' experience. It has been thoroughly tested and proved and will produce fine-bladed, deep-rooted grasses that are so necessary for a beautiful year-round turf.

PRICES:

Lb.	$1.00
5 lbs.	4.85
25 lbs.	21.95
50 lbs.	43.50
100 lbs.	85.50

BOLGIANO'S WHITE HOUSE SHADY LAWN GRASS SEED

Washington is often called the "city of trees." Because of the shade they cast, these magnificent trees are frequently a cause of concern to home owners. But, thanks to Bolgiano's White House Shady Lawn Grass Seed, you can enjoy a beautiful turf in shady spots that will match the turf of our Capitol Park Lawn Grass in the sun. Through experimentation with grasses best adapted for growing in the shade in the Washington, Maryland and Virginia area, this formula was proved.

Lb. $1.00; 5 lbs. $4.85; 25 lbs. $21.95; 50 lbs. $43.50

BOLGIANO'S PERMA-GREEN LAWN GRASS SEED

Another of our popular lawn grass seed mixtures is Perma-Green, an all-purpose blend of the finest Kentucky Blue, Red-Top, Highland Bent and Creeping Red Fescue grasses. This blend is capable of producing a dense, velvety lawn resistant to dry summer weather.

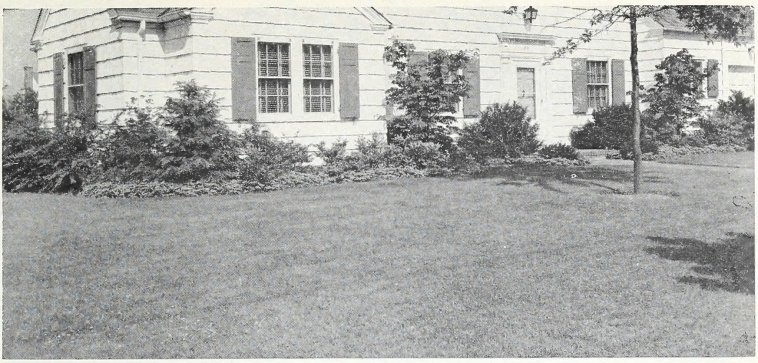
Lb. $1.45; 5 lbs. $7.15; 25 lbs. $31.95; 50 lbs. $63.50

BOLGIANO'S MERION KENTUCKY BLUE GRASS SEED MIXTURE

Contains the sturdy MERION, latest development in Kentucky Blue Grass, with Illahee Creeping Red Fescue, Red-Top and Highland Bent. These permanent grasses will give a long-lasting turf. Lb. $2.85; 3 lbs. $8.50; 5 lbs. $14.15; 10 lbs. $28.00.

Ask for Bolgiano's "Handy Guide to a Beautiful Lawn"

Bolgiano's, WASHINGTON 2, D.C.



Other Bolgiano Lawn Grasses

Kentucky Blue Grass (*Poa pratensis*). While it requires about two years to become well established, Kentucky Blue Grass is known for the beautiful lawns it makes. Creeping underground stems produce a tough sod that thrives best in neutral soils and medium moist climates. Extreme hot dry weather retards its growth and mowing under 1½ inches is not recommended. May be sown alone or in grass mixture. Lb. $1.35; 10 lbs. $12.75; 25 lbs. $23.50.

Red Top (*Agrostis alba*). Red Top belongs to the Bent family and is often used in lawn mixtures as a nurse grass. It will last about three years under close mowing. While it has good value in lawn grass mixtures, it is not recommended to be planted alone for turf unless a quick temporary cover is wanted. Lb. $1.00; 10 lbs. $9.75; 25 lbs. $19.50.

Bents (*Agrostis*). Bent Grasses are fine-bladed sorts that have a tendency to creep and spread. They are very desirable in lawn mixtures and are used principally on golf greens and in fairway mixtures. The popular varieties are Astoria, Highland and Seaside. Lb. $1.50; 10 lbs. $14.50.

Domestic Rye Grass (*Lolium multiflorum*). A quick-growing annual also known as Italian and Common Rye Grass. Valuable as a nurse crop in lawn mixtures and thrives well in almost any soil or climate. Lb. 30c.; 10 lbs. $2.50; 25 lbs. $5.25.

Perennial Rye Grass (*Lolium perenne*). The most lasting of all Rye Grasses, remaining in a lawn for several growing seasons. Texture is somewhat finer than that of Domestic Rye. It is a good nurse grass for all mixtures seeded in the spring. Lb. 40c.; 10 lbs. $3.50; 25 lbs. $7.50.

Merion Kentucky Blue Grass. The latest development of the U.S.G.A. Green Section of a sturdy, drought and disease-resistant Blue Grass. It has all the characteristics of regular Kentucky Blue Grass with these advantages added. It can be used in mixtures with unusual success or can be seeded alone; will stand close mowing. Lb. $3.75.

Creeping Red Fescue (*Festuca rubra*), **Illahee Strain.** A perennial, spreading from roots that creep underground, producing a dense green turf of needle-like leaves. Highly resistant to drought and disease and thrives in all types of soil. Sow in combination with other grasses. Lb. $1.25; 10 lbs. $12.00; 25 lbs. $21.00.

Chewing's Fescue (*Festuca rubra fallax*). This important component of all good shady lawn mixtures forms a low, dense, mat-like turf of fine needle-like leaves. It is popular for lawns and golf courses because of its drought resistance and ability to thrive on most soils. Lb. $1.00; 10 lbs. $9.75; 25 lbs. $17.00.

Kentucky 31 Fescue. A strain of tall Fescue adapted to wet, poorly drained soils, yet it produces well on dry soils of low fertility. The foliage is coarse. Used mostly as a pasture grass. Lb. 50c; 10 lbs. $4.50; 25 lbs. $8.25.

Penn State Chewing's Fescue. This improved strain is a blend of selections of superior types of Chewing's Fescue. Lb. $1.25; 10 lbs. $11.00; 25 lbs. $18.25.

Poa Trivialis. Known as the Blue Grass of the shade. Thrives best on sweet or alkaline, well-fertilized soils. Its rich green color and fine texture make it very popular as a shade grass particularly in low, moist areas. Lb. $1.00; 10 lbs. $9.75; 25 lbs. $17.50.

White Dutch Clover (*Trifolium repens*). Some White Clover is usually included in lawn grass mixtures, for it makes an excellent turf that stands constant trampling. It is dwarf in habit, spreads rapidly and is very hardy. Lb. $1 50; 10 lbs. $14.50; 25 lbs. $24.50.

Zoysia Japonica, Meyer (Z52 Zoysia). A perennial warm-season grass that becomes dormant and off color during the cool months. Seed of Z52 Strain not available commercially. Propagation is by sod plugs. Prices on request.

Prices quoted on grass seed do not include postage. See page 69 for Parcel Post rates If postage is included with order seed will be sent by Parcel Post, otherwise shipment will be made by Express Collect.

BOLGIANO'S GOLD TAG TURF FOOD

6-12-4

The beautification of your home, no matter how well you may landscape it with artistic shrubbery, will depend on the attractiveness of your lawn. No lawn can ever develop its full beauty without proper feeding. Bolgiano's Gold Tag Turf Food is carefully formulated to provide complete feeding for lawns. It is non-acid-forming, and each bag has full directions for proper application. 80 lbs. $3.25; 50 lbs. $2 25; 25 lbs. $1 45.

Bolgiano's Gold Tag Organic Lawn and Garden Plant Food 5-4-0

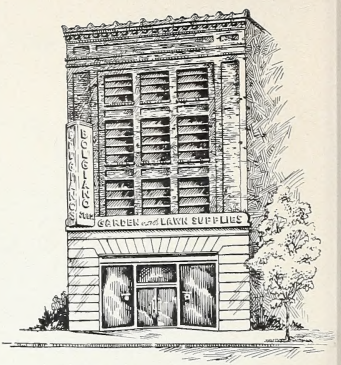
A natural organic plant food containing 5% nitrogen and 4% phosphoric acid for lawns, golf courses, flowers, vegetables, trees and shrubs. Can be used at any time of the year. Especially recommended for summer feeding of lawns. Will not burn if used as directed. Conveniently packaged in 50-lb. bags, with directions. 50 lbs. $2.45; 100 lbs. $4.50.

Bolgiano's "Handy Guide to a Beautiful Lawn," free on request with every purchase of Lawn Seed.

For other grasses and Planting Chart see pages 32 and 33

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

The Nation's Pride for 68 Years



1220 H St., N.W. • NA 8-0091

Over the years has grown our slogan "The Nation's Pride." We feel this aptly describes not only our Capitol Park Lawn Grass Seed but all of our products.

We hope you will be pleased as you turn each page of this catalog. You will find many such innovations as two easy-to-read charts on how and when to plant, as well as the introduction of many new vegetable and flower varieties, All-America Selections, along with your old favorites in seed, ornamentals, insecticides and garden supplies.

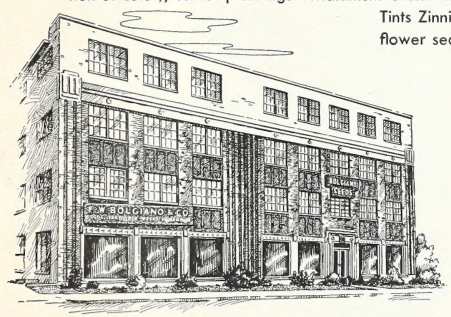
Any questions you may have which are not answered in this catalog, our staff will be glad to try to answer for you. We feel that our service must be of service to you and, therefore, invite you to discuss your own particular gardening problems with us.

We again invite your attention to our two convenient locations: 411 New York Avenue, N. E., and 1220 H Street, N. W.

Yours for BETTER Lawns and Gardens.

About Our Front Cover

We thought the story of our front cover would be of interest. The photograph was taken just last summer. The plantings from seeds of the following annuals were made by an amateur gardener in the early spring: border plantings—Yellow Pygmy Marigolds and Blue Ball Ageratum (two Ageratum to one Marigold, for a better distribution of color); center plantings—Maximum Giant-Flowered Snapdragons, Lilliput Mixed Zinnias, and Pumila Sunshine Tints Zinnias. You will find all of these varieties and many others in the flower section (pages 3 to 17) of this catalog.



411 New York Ave., N.E.
LIncoln 7-4800

ADDRESS ALL MAIL to F. W. Bolgiano & Co., Inc., 411 New York Ave., N. E., Washington 2, D. C.

F. W. BOLGIANO & CO., Inc., warrants to the extent of the purchase price, that at the time of delivery, seeds or bulbs sold are as described on the container or on the tag attached thereto, within recognized tolerances. We give no other or further warranty, express or implied.

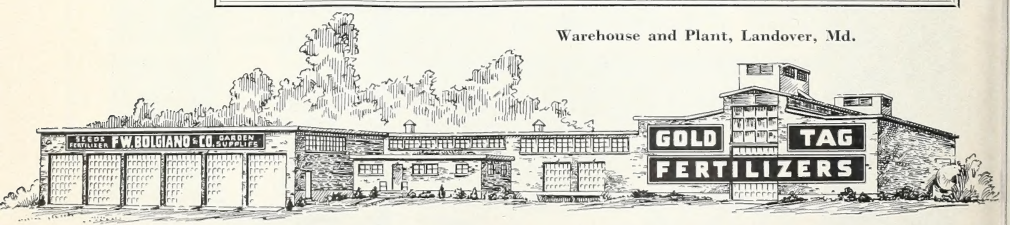
TERMS: Net cash with order. Charge Accounts opened to persons with approved credit.

OFFICERS

MRS. CHARLES W. BOLGIANO
President

GORDON R. SMITH	C. BLAKELEY ARTHUR	WILSON DISNEY
Vice-President	General Mgr. and Treasurer	Secretary

Warehouse and Plant, Landover, Md.



F. W. BOLGIANO and Company, Inc.

411 New York Ave., N. E., Washington 2, D. C. • LIncoln 7-4800

Bolgiano's Selected Flower Seeds

SUPERIOR QUALITY

Classification. Annual flowers grow from seed, bloom, and die in one year. Biennials bloom the second year and die. Perennials live on from year to year and generally do not bloom the same year the seed is planted. A. signifies annual; B., biennial; P., perennial. R-G. means suitable for the rock-garden.

Cultural Directions will be found on the back of each packet of flower seed.

All Flower Seeds are mailed postpaid.

AAS Signifies All-America Selections.

Ageratum (Floss Flower) A., R-G.

A splendid edging plant blooming all summer and fall.

650. Blue Ball Improved. Large, deep rich blue flowers on 4 to 5-inch, mound-like plants. Pkt. 15c.; ⅛oz. 75c.; ¼oz. $1.25.

884. Blue Cap. Dwarf, compact 4-inch plant with lilac-blue feather flowers. Pkt. 15c.; ⅛oz. 90c.; ¼oz. $1.50; oz. $5.00.

879. Fairy Pink. Large, dark green leaves smothered with small soft salmon-rose-pink flowers. Height 4 inches. Pkt. 25c.; 1/16oz. 85c.; ⅛oz. $1.50; ¼oz. $2.50.

651. Midget Blue. Silver Medal, 1940 All-America Selections. A dwarf Ageratum that will come dwarf and true to color from seed. Plants 3 inches high covered with little flowers of Ageratum-blue. A sensational edging plant. Pkt. 20c.; ⅛oz. 75c.

762. Tetra Blue. The true Ageratum-blue flowers are unusually large. Plants are dwarf and compact, 6 to 8 inches tall. Extremely vigorous. Pkt. 35c.; ⅛oz. $1.10; ¼oz. $2.00.

Alyssum A., P., R-G.

Splendid low plants for window-boxes, edgings and spots in the rock-garden. Cut annual varieties back after blooming and they will repeat.

943. Royal Carpet. A. All-America Winner, 1953. A sheet of royal purple bloom. Grows only 2 inches tall and 10 inches across. For ground-cover and edgings. Pkt. 25c.; 1/16oz. 60c.; ⅛oz. $1.00; ¼oz. $1.75.

654. Little Gem. A., R-G. Dwarf, spreading plants about 4 inches high cover themselves with fragrant white bloom over a long period. Pkt. 10c.; ¼oz. 60c.; ½oz. $1.00; oz. $1.75.

655. Procumbens (Carpet of Snow). A., R-G. Each plant is a flat, compact mass of snow-white flowers 2½ inches high. Pkt. 10c.; ½oz. 35c.; ¼oz. 60c.; ½oz. $1.00.

656. Saxatile compactum (Basket of Gold). P., R-G. Hardy, bushy plants, 10 to 12 inches tall, are a mass of golden bloom in May. Pkt. 15c.; ¼oz. 60c; ½oz. $1.00; oz. $1.75.

657. Sweet (*A. maritimum*). A., R-G. Trailing plants about 10 inches high with honey-scented white flowers. Pkt. 10c.; ¼oz. 45c.; ½oz. 75c.; oz. $1.35.

880. Violet Queen. A. Dwarf, compact, sweet scented, rich violet. Pkt. 15c.; ½oz. 50c.; ¼oz. 85c.; oz. $2.50.

Amaranthus A.

Tall, ornamental foliage plants, some with showy flowers. Do best in full sun in rather poor soil.

659. Caudatus (Love-Lies-Bleeding). Drooping spikes of red flowers on 3-foot plants. Pkt. 15c.; ½oz. 65c.

660. Molten Fire (Summer Poinsettia). Four-foot plants with bronzy foliage tipped with a fiery head resembling the poinsettia. Pkt. 15c.; ½oz. 75c.; ¼oz. $1.25.

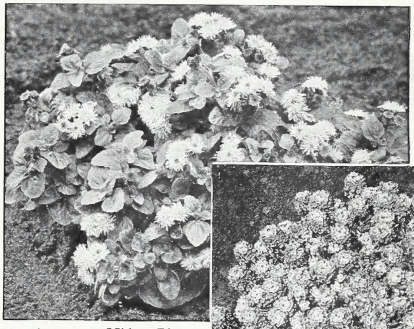
Anchusa A., P.

662. Capensis (Cape Forget-me-not). A. Indigo-blue flowers during July and August. 1½ to 2 ft. Pkt. 15c.; ¼oz. 45c.; ½oz. 75c.; oz. $1.35.

663. Italica, Dropmore Variety. P. Gentian-blue flowers during July and August. 3 to 4 ft. Pkt. 15c.; ¼oz. 45c.; ½oz. 75c.

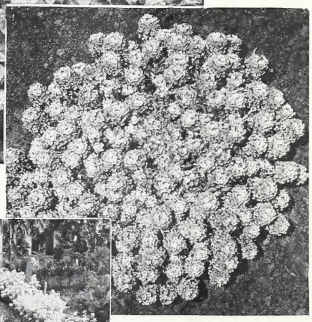
Arabis (Alpine Rock-Cress) P., R-G.

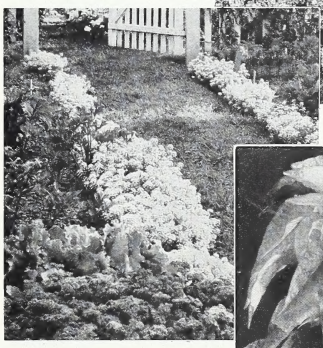
757. Alpina. A profusion of white flowers in April and May. A fine hardy rock plant. 1 ft. Pkt. 20c.; ⅛oz. 45c.; ¼oz. 80c.; ½oz. $1.40.



943 Alyssum Royal Carpet Pkt. 25c.

651. Ageratum, Midget Blue Pkt. 20c.





654. Alyssum, Little Gem Pkt. 10c.

660. Amaranthus, Molten Fire Pkt. 15c.

FLOWERS FOR SHADED AND PARTIALLY SHADED LOCATIONS

Annuals and Biennials

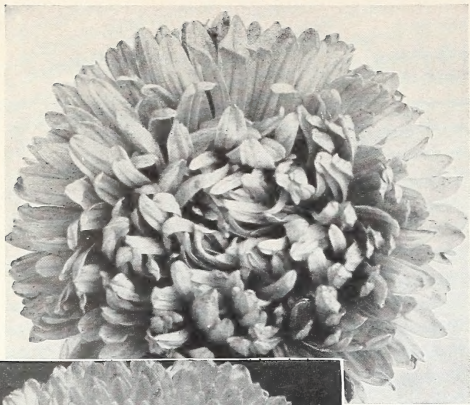
Alyssum
Anchusa
Balsam
Begonias
Columbine
Calliopsis
Canterbury Bells
Centaurea (Cornflower)
Clarkia
Godetia
Linaria
Lobelia
Nasturtium
Nicotiana
Vinca (Periwinkle)

ALL PRICES ARE SUBJECT TO MARKET CHANGES

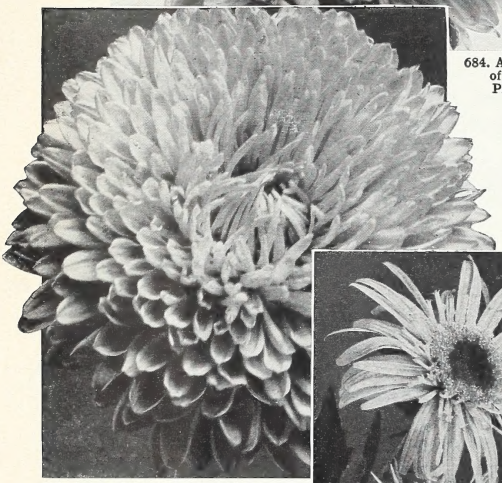
Perennials

Available in plants only. See pages 35 through 37

Anchusa myosotidiflora
Astilbe
Anemone japonica
Cimicifuga
Bleeding Heart
Forget-me-not
Helleborus
Hemerocallis
Hosta (Funkia)
Lily-of-the-Valley
Monarda
Platycodon
Plumbago
Primula
Phlox divaricata Laphami
Pachysandra
Trollius
Vinca minor
Violet, Purple Robe



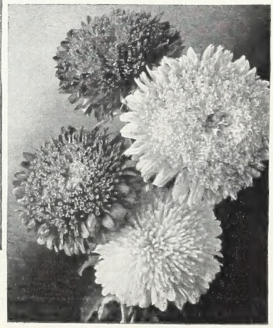
684. Aster, Heart of France Pkt. 20c.



677. Aster, American Branching Mixed Pkt. 15c.

682. Aster, Giant California Sunshine Pkt 20c.

Bachelor's Button Pkt. 15c



693. Aster, Princess, Wilt-resistant Mixed. Pkt. 15c.

Asters A.

Asters provide the finest of long-stemmed cut-flowers during late summer and fall. They should be planted in a different location each year.

683. Powderpuffs, Mixed. (Bouquet Type.) Long-stemmed, double flowers. Early and wilt-resistant. Blooms in August. Colors include pink, rose, azure, crimson, white, blue and scarlet. Pkt. 25c.; 1/16oz. 75c.; 1/8oz. $1.25.

American Branching, Vick's Wilt-resistant Strain. Robust, branching plants, 2½ to 3 feet tall, bloom in early September. The large double flowers have fine form. Our Selected Stocks are the best money can buy.

672. Azure-Blue. **675. Shell-Pink** (Mary Semple)
673. Crimson. **676. White.**
674. Purple (Dark Blue)

Any of above Asters, pkt. 15c.; 1/8oz. 60c.; 1/4oz. $1.00

677. American Branching Mixed. Pkt. 15c.; 1/16oz. 55c.; 1/4oz. 90c.; 1/2oz. $1.75; oz. $3.00.

BLUE PEONY ASTER

751. New for 1956. Fully double, incurved flowers of azure-blue, up to 5 inches in diameter, from midsummer to frost. Pkt. 35c.; 1/16oz. $1.00.

EARLY GIANT ASTERS

881. Early Giant. Finest mixed, wilt-resistant. Flowers are of the Giants of California type but blooms four to six weeks earlier. Pkt. 25c.; 1/8oz. 60c.; 1/2oz. $1.00.

SUPER CALIFORNIA GIANT ASTERS (Wilt-Resistant)

883. El Monte. A beautiful glowing crimson. Pkt. 20c.; 1/8oz. $1.00; 1/4oz. $1.75; oz. $6.25.

681. Super Giants of California Mixed. Large full flowers of the Crego type with broad petals beautifully curled and interlaced. The 3-foot plants bloom from late summer until frost with 1½ to 2-foot stems. Pkt. 25c.; 1/8oz. $1.00; 1/4oz. $1.75.

CALIFORNIA SUNSHINE ASTERS

682. Mixed Colors. The 4 to 5-inch flowers have a single row of long narrow petals which contrast with the unique yellow center disc of quill-like petals, each tipped with a four-pointed star. Pkt. 20c.; 1/8oz. 80c.; 1/4oz. $1.50.

HEART OF FRANCE ASTERS

684. The reddest of all red Asters. Medium-sized flowers of rich dark red. Blooms in late August on 1½ to 2-foot plants. Pkt. 20c.; 1/16oz. 60c.; 1/8oz. $1.00; 1/4oz. $1.75.

IMPROVED CREGO (Wilt-Resistant)

An Aster of truly beautiful form and this Improved Wilt-resistant type is a great advance. Strong, branching 2½-foot plants are generous with flowers in mid-September.

685. Azure-Blue. **688. Purple** (Dark Blue).
686. Crimson. **689. White.**
687. Pink.

Any of above Asters, pkt. 15c.; 1/8oz. 75c.; 1/4oz. $1.25

690. Improved Crego Mixed. Pkt. 15c.; 1/8oz. 55c.; 1/4oz. 90c.; 1/2oz. $1.75; oz. $3.00.

PRINCESS WILT-RESISTANT

693. Mixed. A very attractive new cutting type of wilt-resistant Aster, 2 to 2½ feet tall. Early blooming, bearing quantities of 3½-inch flowers. Flowers have a full deep crested center, surrounded by several rows of dainty plume-like guard petals. Pkt. 15c.; 1/8oz. $1.00; 1/4oz. $1.75.

IMPROVED QUEEN OF THE MARKET

692. Ballet Type, Finest Mixed. Earliest of all Asters. Widely used for early market cutting. Plants 20 inches tall, with long-stemmed, medium-sized flowers. Pkt. 15c.; 1/8oz. 45c.; 1/4oz. 80c.; 1/2oz. $1.50; oz. $2.75.

Aubrieta P.,R-G

888. Large-flowered hybrids, mixed colors. An excellent low-growing border plant, 6 to 7 inches high. Fine for carpeting beds and for rockeries. Seeds germinate in 20 days. Pkt. 35c.; 1/8oz. $1.00; 1/4oz. $1.75.

Bachelor's Button

(Centaurea, Cornflower, Ragged Robin, etc.) A.

Splendid annuals for cutting. They bloom all summer and fall and are easy to grow.

710. Double Blue. Fully double. 3 ft.
711. Pinkie. Double; deep pink. 2 ft.
712. Red Boy. Double; red. 2 ft.
715. Snow Man. Pure white.

Any of above Centaureas, pkt. 15c.; 1/8oz. 60c.; oz. $1.00; 1/4lb. $3.00

713. Double Mixed. All colors. 2 ft. Pkt. 10c.; 1/16oz. 55c.; oz. $1.00; 1/4lb. $3.00.

714. Jubilee Gem. Dwarf, compact plant only 10 to 15 inches tall. Dark cornflower-blue flowers in profusion. A splendid bedder. Pkt. 15c.; 1/4oz. 80c.; 1/2oz. $1.45.

ALL PRICES SUBJECT TO MARKET CHANGES

Double Balsam (Lady-Slipper) A.

An old favorite garden flower of easy culture. Dwarf, 15-inch plants bear masses of brilliantly colored flowers.

695. Camellia-Flowered Choice Mixed. Double. Pkt. 10c.; ¼oz. 50c.; ½oz. 85c.; oz. $1.50.

694. Double Bush Flowering Mixed. Pkt. 15c.; ⅛oz. 60c.; ¼oz. $1.00; ½oz. $1.75.

Bells of Ireland A.

691. Moluccella lævis. Grows about 2 feet tall, with long cutting stems. Delicately veined, light green flowers. For novel table arrangements. Pkt. 25c.; ¼oz. $1.00.

Blue Lace Flower A.

696. Didiscus coeruleus. Upright, 2-foot plants, each branch ending in an umbrella-shaped head of sky-blue flowers. A splendid cut-flower from midsummer to frost. Pkt. 15c.; ⅛oz. 60c.; ¼oz. $1.00; ½oz. $1.75.

Calendula (Pot-Marigold) A.

Free-branching 2-foot plants that do best in a cool location. A fine cut-flower.

697. Chrysantha. Large, double flowers of clear buttercup-yellow with incurved petals. Closely resembles a chrysanthemum. Pkt. 10c.; ¼oz. 45c.; ½oz. 75c.

698. Lemon Queen. Double flowers of lemon-yellow. Pkt. 10c.; ¼oz. 45c.; ½oz. 75c.; oz. $1.35.

699. Orange King. Rich orange-yellow; double. Pkt. 10c.; ¼oz. 45c.; ½oz. 75c.; oz. $1.35.

702. Pacific Beauty Double Mixed. A fine mixture of apricot, orange and yellow shades. Pkt. 10c.; ¼oz. 45c.; ½oz. 75c.; oz. $1.35.

Calliopsis A.

An easy-growing annual with long-stemmed yellow flowers for cutting. 2 ft.

704. Tall Single, Mixed. Lovely Daisies in shades of yellow. Pkt. 15c.; ¼oz. 50c.; ½oz. 85c.; oz. $1.50.

Candytuft (Iberis) A., P., R-G.

Desirable and dependable annuals and perennials for the front of the border and rock-gardens Easy to grow.

705. Giant Hyacinth-flowered. A. Plants to 1½ feet tall with enormous trusses of snow-white flowers. A popular florists' variety. Pkt. 10c.; ¼oz. 60c.; ½oz. $1.00; oz. $1.75.

706. Dwarf Hybrids, Mixed. A. Large flowers of rose, salmon, coral, pink and lilac. Splendid bedding plants. Pkt. 10c.; ¼oz. 45c.; ½oz. 75c.; oz. $1.35.

707. Gilbraltarica, Queen of Italy. P. Lovely little evergreen bushes hardly a foot tall with lilac flowers shading to white. A fine rock-garden ornament. Pkt. 15c.; ¼oz. 75c.; ½oz. $1.25.

788. Sempervirens. P. Masses of white flowers against dark evergreen foliage. Fine for rock-gardens and edgings. Pkt. 20c.; ⅛oz. 80c.; ¼oz. $1.50.

Canterbury Bells B.

708. Campanula Medium, Single, Mixed. Beautiful bell-like flowers of blue, pink, and white in early summer. 2 ft. Pkt. 10c.; ¼oz. 45c.; ½oz. 75c.; oz. $1.35.

635. Campanula Medium calycanthema (Cup-and-saucer Canterbury Bells). Hardy plants for the border, with flowers shaped like cups and saucers. 2 ft. June. Pkt. 15c.; ⅛oz. 60c.; ¼oz. $1.00; ½oz. $1.75.

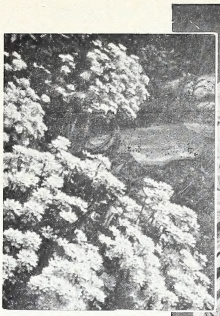
Cardinal Climber A.

845. Quick-growing vine with showy cardinal-red flowers and finely cut, glossy dark leaves. Grows 15 feet tall and blooms until frost. Pkt. 20c.; ½oz. 90c.

Carnation A., P.

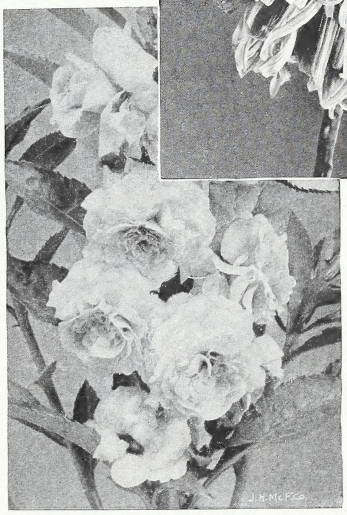
723. Marguerite, Double, Mixed. A. Blooms in about five months from time seed is planted. Fragrant, double white, pink, crimson, and striped flowers. Pkt. 15c.; ⅛oz. 50c.; ¼oz. 85c.; ½oz. $1.50.

716. Chabaud's Giant Double, Improved Finest Mixed. P. Hardy cutting Carnation. Blooms in five months from sowing. Plants upright, robust, 16 to 20 inches tall. Pkt. 20c.; ⅛oz. 60c.; ¼oz. $1.00; ½oz. $1.75



788. Candytuft, Sempervirens Pkt. 20c.

681. Aster, Super Giants of California, Finest Mixed Colors Pkt. 25c.



694. Balsam, Double Bush Flowering Mixed Pkt. 15c.

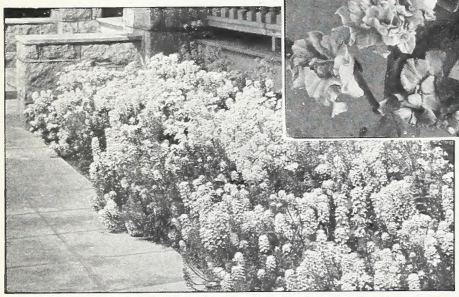
ALL PRICES SUBJECT TO MARKET CHANGES

716. Carnation, Chabaud's Giant Double, Improved Finest Mixed. Pkt. 20c.

704. Calliopsis, Tall Single, Mixed. Pkt. 15c.

699. Calendula, Orange King
Pkt. 10c.

721. Clarkia elegans, Double, Mixed. Pkt. 15c.



705. Candytuft, Giant Hyacinth-flowered. Pkt. 10c.

The Everlasting

Have you grown any of these lately? Don't forget they are splendid to use as fresh flowers as well as when dried for winter. Look up Celosia, Gomphrena, Gypsophila, Helichrysum, Lunaria and Statice.

737. Dahlias, Unwin's Dwarf Hybrids. Pkt. 20c.

Celosia A.

The Cockscombs and Woolflowers are spectacular annuals especially desirable to dry for winter.

720. Toreador. Large, bright red combs of uniform color and even growth. Compact heads of the Cristata type, with most of the flowering concentrated in one huge center comb. Reaches 2 feet by the end of the season. Pkt. 25c.; ⅛oz. 85c.; ¼oz. $1.50.

966. Golden Fleece (*Celosia plumosa*). A new giant form of Feathered Cockscomb. Huge, dense plumes of golden color on long cutting stems. Loves hot weather. Pkt. 25c.; ⅛oz. 45c.; ¼oz. 75c.; ¼oz. $1.25.

717. Cockscomb, Mixed (*C. cristata*). Dwarf leafy plants with immense combs in shades of red, pink, and yellow. Cut before they are fully mature for drying. Pkt. 15c.; ⅛oz. 75c.; ¼oz. $1.25.

680. Pampas Plume. Big, feathery, fleecy flowers in all the brilliant colors of autumn—gold, copper, deep red, henna and carmine. A heat-loving, pest-free plant. Grows 30 inches tall. Pkt. 20c.; ⅛oz. 75c.; ¼oz. $1.25.

718. Chinese Woolflower (*C. Childsi*). Two-foot plants, each branch tipped with a flower-head resembling a ball of bright red wool. Pkt. 15c.; ⅛oz. 60c.; ¼oz. $1.00.

Cineraria

944A. Siter's Rainbow Mixture. Medium-sized flowers in colors ranging from the bright-eye types to fine pastel tones. Compact growth with huge flower-heads. Pkt. 50c.; 1/64oz. $3.50.

Chrysanthemum A.

642. Merry Mixture. A cheerful collection of bright-hued tricolors. Excellent. Pkt. 15c.; ⅛oz. 50c.; ¼oz. 75c.

Clarkia A.

721. Elegans, Double, Mixed. An easy-growing annual with flowers in a wide range of attractive colors. Likes some shade. Opens nicely when cut in bud stage. 2 ft. Pkt. 15c.; ⅛oz. 45c.; ¼oz. 75c.; ½oz. $1.25; oz. $2.00.

Cleome A.

701. Pink Queen. Huge trusses of bright salmon-pink flowers all season. Turns lighter with age. Height 4 ft. Pkt. 15c.; ⅛oz. 45c.; ¼oz. 75c.; ½oz. $1.25; oz. $2.00.

Cobaea A.

722. Scandens (Cup-and-Saucer Vine). Lovely bell-shaped blue flowers, changing to lilac, on a strong-growing, prolific-blooming vine. Seeds should be planted edgewise. Pkt. 25c.; ⅛oz. 90c.; ¼oz. $1.50.

Coleus A.

A foliage pot-plant for the house and during summer provides color for window-boxes and beds.

943A. Rainbow Mixture. A true rainbow of color in a few plants. Illustrated on page 3 of color insert. Pkt. 35c.; 1/32oz. $2.00; 1/16oz. $3.50.

Columbine (Aquilegia) P., R-G.

658. McKana's Giants. A new large-flowered strain with long spurs. Strong, bushy plants 3 feet tall, with long wiry stems and lacy foliage. Many rich colors. Pkt. 50c.; 1/16oz. $2.00.

664. Mrs. Scott Elliott's Hybrids. Graceful 2-foot plants with dainty, colorful flowers from May into July. This strain has delightfully long spurs and all the Columbine colors. Pkt. 15c.; 1/32oz. 40c.; ⅛oz. 75c.; ¼oz. $1.25; ¼oz. $2.25; ½oz. $4.00.

Cosmos A.

Tall, branching plants producing very desirable long-stemmed flowers for cutting.

770. Fiesta. All-America Winner, 1952. A flashy new variety with orange petals striped scarlet. Bushy. Early and free blooming. Pkt. 20c.; ⅛oz. 60c.; ¼oz. $1.00; ½oz. $1.75.

SENSATION TYPES

732. Radiance. AAS. Deep rose petals overlaid with rich crimson zone.
728. Dazzler. AAS. Dazzling crimson.
726. Pinkie. Clear rose-pink.
727. Purity. Pure white.
Any of above four Cosmos, pkt. 15c.; ¼oz. 70c.; ½oz. $1.25

731. Sensation, Mixed. The 4-foot plants bloom in 10 weeks from seed, with great 4 to 5-inch single flowers in all the Cosmos colors. Pkt. 10c.; ¼oz. 60c.; ½oz. $1.00; oz. $1.75.

COSMOS, continued

DOUBLE CRESTED COSMOS

729. Early Double Crested, Mixed. Double or Anemone-flowered, beginning to bloom in July. 2½ ft. Pkt. 15c.; ⅛oz. 45c.; ⅛oz. 80c.; ¼oz. $1.50.

KLONDYKE COSMOS

730. Orange Flare. The 2½-foot plants bloom in less than 4 months, with single orange flowers. Pkt. 10c.; ⅛oz. 45c.; ¼oz. 75c.; ½oz. $1.25.

LATE-FLOWERING TYPE

733. Late Mammoth Single, Mixed. Sown early in spring, these produce tall plants blooming all fall until frost. Pkt. 10c.; ¼oz. 75c.; ½oz. $1.25; oz. $2.00.

Coreopsis P.

A long-stemmed yellow flower in demand for cutting. Grows 2 feet tall and seeds itself if not kept cut.

724. Grandiflora, Double Sunburst. Double flowers, 2 inches in diameter, from June to October. A fine bedder for color as well as to cut. Pkt. 15c.; ¼oz. 45c.; ½oz. 80c.; oz. $1.50.

Cynoglossum A.

734. Amabile, Dwarf Firmament (Chinese Forget-me-not). A fine bedding plant with fragrant, forget-me-not-like flowers which are good for cutting. 1½ ft. Pkt. 10c.; ½oz. 60c.; oz. $1.00.

Cypress Vine (Ipomoea Quamoclit) A.

735. Mixed. A fast-growing vine to 15 feet. Attractive fern-like foliage. Seeds are hard and should be soaked in warm water before planting. White and shades of red. Pkt. 20c.; ¼oz. 45c.; ½oz. 75c.; oz. $1.35.

Dahlia A.

Raising Dahlias from seed is an adventure, as every plant will produce different flowers and there will be several from each packet of seeds that you will want to carry over to next year.

965. Exhibition Strain, Mixed. A mixture of giant-flowered, decorative, choice doubles. Pkt. 50c.; ⅛oz. $1.25; ¼oz. $2.25.

737. Unwin's Dwarf Dahlias. Plants 1½ to 2 feet tall with 3-inch semi-double flowers from July on in a wide range of colors. Illustrated on page 3 of color insert. Pkt. 20c.; ⅛oz. 75c.; ¼oz. $1.25; ½oz. $2.00; oz. $3.50.

Daisies A., P.

749. African Daisy, Golden West. A. The 2½-inch golden flowers have a dark disk and halo. Nice cut-flowers. They need a dry, sunny location and bloom most of the summer and fall. 15 in. Pkt. 15c.; ⅛oz. 75c.; ¼oz. $1.25; ½oz. $2.00.

738. Double English, Mixed (*Bellis perennis*). R-G. Lovely double flowers in profusion in early spring on low plants. Will need protection over winter. Pkt. 25c.; 1/16oz. $1.25; ⅛oz. $2.00.

739. Shasta Daisy, Alaska. P. The 2-foot plants bear large single white Daisies about 5 inches across. They are splendid long-lasting cut-flowers. Blooms all summer. Pkt. 15c.; ¼oz. 60c.; ½oz. $1.00; oz. $1.75.

646. Shasta Daisy, Diener's Strain. P. A glorious mixture of large double white flowers. Pkt. 35c.; 1/32oz. 90c.; 1/16oz. $1.50; ⅛oz. $2.50.

Delphinium P.

One of the finest groups of garden flowers. The hybrids furnish long spikes of showy flowers for exhibition and the others splendid cut-flower material for mixed bouquets.

740. Belladonna. Clear turquoise-blue flowers on branching 5-foot plants. The everblooming Delphinium. Pkt. 25c.; ⅛oz. 60c.; ⅛oz. $1.00; ¼oz. $1.75; ½oz. $3.25.

741. Bellamosum. A dark blue form of the above. Pkt. 25c.; ⅛oz. 60c.; ¼oz. $1.00; ¼oz. $1.75; ½oz. $3.25.

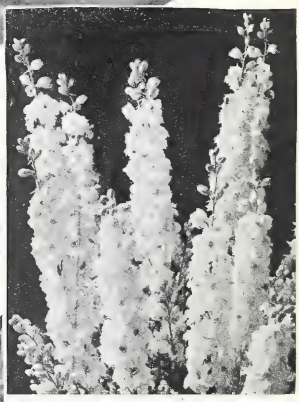
742. Chinensis, Tall Mixed. Although a perennial, this will bloom in August from early spring planting. Pkt. 15c.; ¼oz. $1.00.; ½oz. $1.75.

743. Gold Medal Hybrids. A mixture of tall, large-flowering varieties. Long spikes in shades of blue make this a good background plant. 4 to 6 ft. Pkt. 25c.; ⅛oz. 75c.; ¼oz. $1.25; ½oz. $2.25; oz. $4.00.

744. Pacific Hybrids, Mixed. Delphinium lovers pronounce these the finest Delphinium grown. They are truly giants, usually 6 feet or more, with strong stems and spikes of lovely flowers as large as a silver dollar. Plants are practically immune to mildew and are the healthiest Delphinium we have seen. Pkt. 35c.; 1/16oz. $1.25; ⅛oz. $2.00; ¼oz. $3.50; ½oz. $6.50.

ALL PRICES ARE SUBJECT TO MARKET CHANGES

765. Gourds, Mixed
Pkt. 15c.



744. Delphinium, Pacific Hybrids
Pkt. 35c.

758. Gaillardia, Annual, Mixed
Pkt. 10c.

739. Shasta Daisy, Alaska
Pkt. 15c.

738. Double English Daisy, Mixed
Pkt. 25c.

813. Nemesia, Mixed. Pkt. 25c.

679. Linum perenne. Pkt. 15c.

766. Gypsophila elegans grandiflora. Pkt. 10c.

767. Helichrysum, Finest Mixed Pkt. 15c.

792. Lobelia compacta, Crystal Palace Pkt. 15c.

775. Hollyhock, Indian Spring Pkt. 15c.

777. Kochia Childsi. Pkt. 15c.

Fragrance

Do you grow flowers just to look at, or must they smell good, too? Mignonette with its unforgettable sweetness is not much to look at—it would soon disappear from gardens if it should lose its fragrance—while Heliotrope, another wonderfully fragrant flower, pleases as well with its beauty.

Increase your garden pleasure by studying your flowers and grow for fragrance as well as beauty.

Dusty Miller A.

750. Centaurea candidissima. Attractive silvery green laciniated foliage. Fine for edging borders and in hanging-baskets. 18 in. Pkt. 20c.; ⅛oz. 60c.; ½oz. $1.00.

Euphorbia A., R-G.

753. Variegata (Snow-on-the-Mountain). Plants grow to 2 feet and have green foliage margined with white. A popular border plant. Pkt. 15c.; ½oz. $1.25; oz. $2.00.

Feverfew P.

958. Matricaria capensis alba. Two-foot plants with dark cut foliage and small, double, white flowers on good cutting stems. Pkt. 15c.; ⅛oz. 75c.; ½oz. $1.25

Forget-Me-Not P., R-G.

755. Myosotis alpestris, Indigo Blue. A lovely April-blooming, dwarf plant with blue flowers, useful for carpeting and planting among tulips. Prefers moist soil. Pkt. 20c.; ⅛oz. 45c.; ½oz. 75c.; ¼oz. $1.25; ½oz. $2.00.

Four o'Clock (Marvel of Peru) A.

756. Mirabilis Jalapa. Bushy plants to 2½ feet with myriads of red, yellow or white flowers opening at about 4 P.M. Pkt. 10c.; oz. $1.00; ¼lb. $3.00.

Foxglove (Digitalis) B.

748. Gloxiniæflora, Shirley Hybrids. Plants 3 to 4 feet high with long spikes of tubular, thimble-like flowers of various colors. The "thimbles" are heavily spotted inside. Pkt. 15c.; ¼oz. 50c.; ½oz. 85c.; oz. $1.60.

Gaillardia (Blanket-Flower) A., P.

Border and bedding plants with showy flowers useful for cutting. They bloom from early summer into fall.

758. Annual, Single Mixed. A. A fine mixture with reds and yellows predominating. Pkt. 10c.; ¼oz. 75c.

759. The Dazzler. P. Large flowers of dark red with orange petal-tips. Striking. Pkt. 15c.; ¼oz. 75c.

760. Grandiflora, Mixed. P. Lovely single flowers with centers of shades of red and the outer petals yellow. Will bloom first year if planted early. Pkt. 15c.; ¼oz. 75c.

761. Lorenziana, Double Mixed. A., R-G. A free-flowering double strain of red, yellow, orange, and rose shades. 15 in. Pkt. 15c.; ¼oz. 75c.; ½oz. $1.25.

Geranium

661. Zonale, Mixed Colors. A. A good bedding plant. Colors include pink, crimson and white. Pkt. 50c.; ⅛oz. $1.00; ½oz. $1.75; ¼oz. $3.00.

Gilia A.

703. Capitata. A splendid annual about 2 feet tall with lovely lavender-blue flowers. Pkt. 10c.; ¼oz. 60c.

Godetia (Satin Flower) A.

945A. Tall Double Varieties, Mixed. Beautiful annuals with showy flowers of satiny texture. Prefers cool location. Pkt. 10c.; ¼oz. 75c.; ½oz. $1.25.

Gomphrena A.

764. Globosa rubra (Globe Amaranth). Attractive, purple, clover-like heads which are usually dried for winter bouquets. Pkt. 10c.; ¼oz. 35c.; ½oz. 60c.; oz. $1.00.

Gourds A.

Rapid-growing vines with variously shaped fruits which are dried and used as ornaments (a few have utilitarian value).

765. Large and Small Sorts Mixed. Pkt. 15c.; oz. 75c.; ¼lb. $2.50.

Gypsophila (Babys-Breath) A., P.

The 2-foot plants bear a cloudy mass of tiny white flowers. Grown to cut and use with other cut-flowers.

766. Elegans grandiflora, Covent Garden Improved. A. An improved giant pure white, unsurpassed as to size and form of bloom. Pkt. 10c.; ½oz. 30c.; oz. 50c.

964. Elegans carminea. A. Carmine-pink. Pkt. 15c.; ¼oz. 50c.; ½oz. 90c.

817. Paniculata. P. Single; white. Pkt. 20c.; ¼oz. 75c.; ½oz. $1.25; oz. $2.00.

Hearts and Honey Vine A.

944. Ipomoea Quamoclit hybrida. An easily grown annual vine with fern-like foliage and masses of bright bloom until frost. Flowers are bright orange with yellow center in the morning, changing to pinkish red and then clear bright rose-pink with white center. Pkt. 25c.; ¼oz. $1.00.

Helichrysum (Strawflower) A.

767. Finest Mixed. The best of the so-called Everlastings used as dried flowers for winter decorations. The brightly colored flowers make fine displays when grown in beds. Double flowers in all the desirable colors. 2½ ft. Pkt. 15c.; ⅛oz. 45c.; ¼oz. 80c.; ½oz. $1.40.

Heliotrope A.

768. Pacific Hybrids, Dark Shades. Tender plants which will not stand cold. Start seed indoors and do not move to garden until May. 24 in. Pkt. 15c.; 1/16oz. 45c.

Hibiscus P.

769. Mallow Marvels, Mixed. Strong shrub-like plants, 5 to 8 feet tall, with huge single flowers 6 to 8 inches across of pink, white and red. Blooms from June to September. Pkt. 15c.; ⅛oz. 45c.; ¼oz. 75c.; ½oz. $1.25.

Hollyhocks A., P.

775. Indian Spring. A. If sown very early this will give splendid bloom. Plants grow about 4 to 5 feet and bear lovely semi-double and double fringed flowers in shades of pink. Pkt. 15c.; ¼oz. 70c.; ½oz. $1.10.

774. Double Mixed. P. Favorite background plants, 6 to 7 feet tall, thriving almost anywhere and blooming during August and September. Pkt. 15c.; ⅛oz. 75c.; ¼oz. $1.25; ½oz. $2.00; oz. $3.50.

Hunnemannia (Mexican Tulip Poppy) A.

652. Sunlite. Large yellow, semi-double poppy-like flowers on bushy plants with beautiful blue-green foliage. Pkt. 15c.; ⅛oz. 40c.; ¼oz. 70c.; ½oz. 90c.

Hyacinth Bean A.

776. Dolichos. A decorative vine to 10 feet with white or purple flowers followed by ornamental seed-pods. Silvery pods follow the white flowers and ruby-purple pods the purple flowers. Pkt. 20c.; oz. 40c.; ¼lb. $1.50.

Kochia A.

777. Childsi (Burning Bush; Summer Cypress). Pyramidal bush 2½ feet high, with feathery light green foliage which turns crimson in early autumn. Flowers are unimportant but plants make a lovely hedge. Pkt. 15c.; ½oz. 60c.; oz. $1.00.

Kudzu Vine P.

637. Pueraria Thunbergiana. Handsome purple flowers on a very vigorous vine. Perfectly hardy, getting more beautiful each year. Pkt. 25c.; ¼oz. 45c.; ½oz. 75c.

Lantana A.

779. Dwarf Hybrids, Mixed. A splendid bedding plant; verbena-like heads of colorful flowers all summer. Also a splendid pot-plant for the house. Good mixture of colors. Pkt. 15c.; ¼oz. $1.00; ½oz. $1.75.

Larkspur A.

801. Giant Steeplechase Mixture. Giant Steeplechase Larkspurs have bigger flowers and longer and stronger spikes. They are heat-resistant; spring and summer flowering. An excellent color mixture. Pkt. 25c.; ⅛oz. 60c.; ¼oz. $1.00; ½oz. $1.80; oz. $3.40.

DOUBLE GIANT IMPERIAL

The tall, upright, compact basal-branching habit of the Giant Imperials has made them popular Larkspurs for florists and home-garden use. The tall spikes of double flowers, carried on stems 4 to 5 feet long, require only about one-half the space needed by the old stock-flowered type.

780. Blue Spire. Deep violet-blue.
781. Blue Bell. AAS. Azure-blue.
783. Carmine King Improved. Deep carmine-rose.
784. Lilac King. Rich lilac.
785. Miss California. Soft salmon-pink.
786. Rose King. Rich rose.
787. White King. AAS. Glistening white.
782. Finest Mixed. A superior mixture.

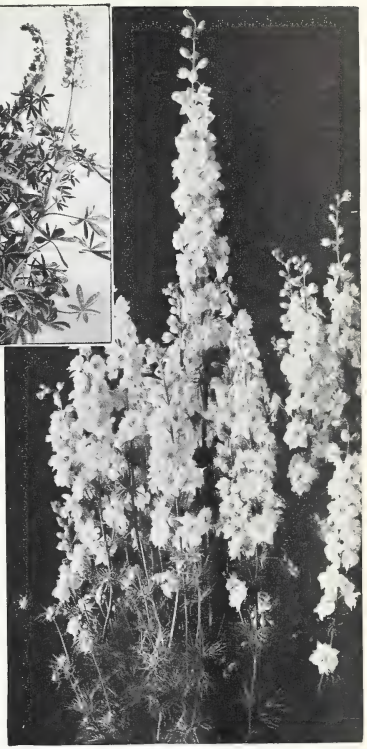
Any of the above Giant Imperial Larkspurs, pkt. 15c.; ¼oz. 60c.; ½oz. $1.00; oz. $1.75

Linum P., R-G.

679. Perenne. Dainty sky-blue flowers on 1½-foot plants from May to August. Pkt. 15c.; ¼oz. 50c.

ALL PRICES SUBJECT TO MARKET CHANGES

794. Lupinus Russell Strain, Mixed
Pkt. 20c.



782. Larkspur, Double Giant Imperial, Mixed
Pkt. 15c.

808. Morning-Glory, Heavenly Blue, Clarke's Variety
Pkt. 15c.

810. Moonflower. Pkt. 15c.

Morning-Glories

The Morning-Glories and Moonflowers are another group which will not do their best in rich soil.

Soak the hard seeds before planting in unfertilized ground.

771. Marigold, Glitters Pkt. 25c.

806. Marigold, Yellow Supreme Pkt. 15c.

800. Marigold, Midget Harmony Pkt. 15c.

798. Marigold, Flash Pkt. 10c.

Marigolds

Like Petunias and Zinnias, the Marigold is another annual family with members for many uses.

For rich yellows and oranges the Marigolds are unsurpassed, and a bed of one variety of the dwarf French type of the Harmony group provides color in mass over a long period with little care, while the tall varieties furnish long-stemmed flowers to cut.

Lobelia A., R-G.

792. Compacta, Crystal Palace. An especially desirable edging plant growing 4 inches high. Flowers dark blue with dark foliage. Pkt. 15c.; ⅛oz. 60c.; ¼oz. $1.00.

791. Hybrida pendula, Sapphire. This Lobelia is excellent for hanging baskets and window boxes because of its trailing habit. Flowers are deep blue with white eye. Dark foliage. Pkt. 15c.; ⅛oz. 60c.; ¼oz. $1.00.

Lunaria B.

793. Honesty (Money Plant). Bushy plants, 1½ to 2 feet tall, bear lilac-purple flowers in profusion followed by silvery seed-pods desirable for winter bouquets. Pkt. 15c.; ¼oz. 45c.; ½oz. 75c.

Lupinus P.

794. Russell Strain, Mixed. Plants 2 to 4 feet, with long spikes of flowers resembling sweet peas. An excellent garden decorative and cut-flower. Pkt. 20c.; ⅛oz. 45c.; ¼oz. 80c.; ½oz. $1.40.

Marigolds A.

Favorite annuals thriving in almost any ground and providing quantities of bloom for garden color and long-lasting flowers to cut.

LARGE-FLOWERED, TALL

889. Crackerjack. New for 1957. The first large-flowered Marigold to bloom. Uniformly large, double, 4 to 5-inch flowers of primrose, yellow, gold and orange. 2 ft. Illustrated on page 3 of color insert. Pkt. 25c.; ½oz. $1.25.

799. Gigantea, Sunset Giants. Great 5 to 6-inch fragrant, double flowers in shades of orange, yellow, lemon and primrose. 3 ft. Pkt. 10c.; ¼oz. 70c.; ½oz. $1.15.

806. Yellow Supreme. AAS. Lemon-yellow. Honey fragrance. Pkt. 15c.; ¼oz. 80c.; ½oz. $1.40.

804. African Double, Lemon Ball. Pure canary-gold. Pkt. 15c.; ⅛oz. 45c.; ¼oz. 80c.; ½oz. $1.40.

805. African Double, Orange Ball. Orange-yellow. Pkt. 15c.; ⅛oz. 45c.; ¼oz. 80c.; ½oz. $1.40.

807. African Double, Mixed. Tall; double. Pkt. 10c.; ¼oz. 75c.; ½oz. $1.25; oz. $2.00.

CARNATION-FLOWERED

874. Burpee Gold. Carnation-like, bright orange flowers 3½ to 4 inches across. Odorless foliage on 2½-foot plants. Pkt. 15c.; ⅛oz. 60c.; ¼oz. $1.10; ½oz. $2.00.

842. Frills. Frilly, waved petals of bright gold color. Odorless foliage. Grows 2 feet tall. Pkt. 20c.; ¼oz. 75c.

846. Man-in-the-Moon. Very pale yellow, carnation-like heads of bloom composed of crisply ruffled petals. Fine for cutting. Grows 3 feet tall. Pkt. 25c.; ⅛oz. $1.00; ½oz. $1.85.

CHRYSANTHEMUM-FLOWERED

771. Glitters. Clear yellow flowers with fringed outer petals; double. Bushy plants 2½ to 4 feet tall. Pkt. 25c.; ⅛oz. 75c.; ¼oz. $1.25.

638. Mammoth Mum. Huge flowers 4 inches across, of lemon-yellow. 2 to 3 ft. Pkt. 20c.; ⅛oz. 45c.; ¼oz. 75c.

SMALL FRENCH DOUBLE

709. Butterball. A pretty little edging variety of butter-yellow. Early and continuous flowering. Pkt. 15c.; ¼oz. 75c.; oz. $2.50.

843. Color Magic. Profuse, double flowers up to 2 inches in diameter. Blooms extra early and continues all summer. Color mixture, containing solid red and pure yellow and many combinations of the two. Neat plant 8 inches high. Pkt. 15c.; ¼oz. 75c.; ½oz. $1.25.

839. Lemondrop. Very double, canary-yellow flowers on compact, 9-inch plants. Excellent for bedding. Profuse bloomer. Pkt. 15c.; ⅛oz. 75c.; ¼oz. $1.25.

800. Midget Harmony. Scabiosa-shaped double flowers of deep orange with a collar of maroon petals. Plants grow 6 to 8 inches tall and bloom freely. An ideal bedding variety for garden color, for spots in the border and for cutting. Pkt. 15c.; ¼oz. 60c.; ½oz. $1.00.

855. Rusty Red. Rusty red, double flowers, borne freely on dwarf, bushy plants. Grows 1½ feet tall and blooms all summer long. Pkt. 20c.; ½oz. 90c.; ½oz. $1.50.

797. Spry. Light orange crested center and maroon petals. Dwarf and compact. Pkt. 10c.; ⅛oz. 35c.; ¼oz. 65c.; ½oz. $1.00.

671. Tangerine. Double, tangerine-orange flowers completely covering a mound-like plant about 15 inches tall. Early and continuous bloomer. Excellent for cutting. Pkt. 15c.; ½oz. $1.00; ¼oz. $1.75.

802. Yellow Pygmy. One-inch flowers of light lemon-yellow on 8-inch plants. Pkt. 15c.; ¼oz. 60c.; ½oz. $1.00.

803. Dwarf Double French, Mixed. Splendid free-blooming bedding type about a foot tall. A real treasure. Pkt. 10c.; ¼oz. 50c.; ½oz. 90c.; oz. $1.50.

DWARF FRENCH SINGLE MARIGOLDS

798. Flash. All-America Winner. In most of the flowers a base color of tangerine is overlaid or marked with rich marigold-red. Uniform and compact in growth, averaging 18 inches in height and 24 to 30 inches in spread. Pkt. 10c.; ¼oz. 45c.; ½oz. 75c.; oz. $1.25.

639. Naughty Marietta. Mound-like plants with 2½-inch, bright gold flowers blotched and striped red. 1 ft. Pkt. 10c.; ¼oz. 45c.; ½oz. 75c.; oz. $1.35.

SPECIES

910. Tagetes signata pumila. A profusion of small yellow flowers. Does well in the poorest soil, growing about 9 inches tall. Pkt. 20c.; ⅛oz. 85c.; ¼oz. $1.50.

Morning-Glory (Ipomoea) A.

Vigorous vines with lovely large flowers open in early morning and all day during cloudy days. Plant in poor soil for best bloom. Soak or file seeds for good germination.

725. Candy Pink. Here is a real giant pink Morning-Glory. Flowers in this new and unusual color grow to 4 inches in diameter. Plants are vigorous and are fine climbers. Pkt. 25c.; ¼oz. 90c.; oz. $2.50.

640. Darling. New. Rich wine-red with snowy white throat. Very showy and distinctive. Pkt. 20c.; ¼oz. 45c.; ½oz. 75c.; oz. $1.30.

808. Heavenly Blue, Clarke's Variety. An early-blooming variety with very large flowers. Pkt. 15c.; ½oz. 65c.; oz. $1.10.

809. Imperial, Mixed. Large flowers of many colors. Pkt. 10c.; ½oz. 45c.; oz. 80c.

810. Moonflower. Large white flowers open at night and during cloudy days. Strong growth with dense foliage. Pkt. 15c.; ½oz. 45c.; oz. 75c.; ¼lb. $2.50.

811. Pearly Gates. Silver Medal, 1942 All-America Selections. A sport of Clarke's Heavenly Blue, identical except in color which is satiny white with a creamy throat. Pkt. 20c.; ½oz. 85c.; oz. $1.50.

812. Climbing Scarlett O'Hara. An early variety blooming in about 65 days from seed. The 3½-inch flowers are dark wine-red. A strong-growing plant. Pkt. 15c.; ¼oz. 50c.; ½oz. 85c.

Mignonette (Reseda odorata) A.

An old-fashioned flower loved for its exquisite fragrance. Does best in cool weather and a second planting should be made in August for autumn bloom.

959. Machet. Plants 12 inches high with red and yellow flowers of extra sweetness. Pkt. 15c.; ½oz. 75c.; oz. $1.35.

Nasturtiums A.

Lovely annuals thriving on poor sandy soil and coming into bloom within a few weeks after sowing. Keep plants free of black aphis by spraying with Black-Leaf 40. The green seeds are used for peppery pickles.

DWARF VARIETIES. 1 ft.

818. Gem Mixture. Sweet-scented, semi-double flowers in a fine mixture of light and dark colors. Compact, dwarf plants. Pkt. 10c.; oz. 75c.; ¼lb. $2.50.

819. Single, Mixed. Splendid mixture of truly dwarf singles. A good companion to the Gem Mixture of semi-doubles. Pkt. 10c.; oz. 55c.; ¼lb. $1.75.

SEMI-DWARF VARIETIES. 1½ ft.

820. Golden Gleam. Large, golden yellow, semi-double, sweetly scented flowers on bushy plants with short runners. Pkt. 10c.; oz. 55c.; ¼lb. $1.75.

821. Scarlet Gleam. Fiery orange-scarlet, semi-double flowers to 3 inches across. Fine plants. Pkt. 10c.; oz. 55c.; ¼lb. $1.75.

822. Gleam Hybrids. AAS. A mixture of all the Gleam varieties. Pkt. 10c.; oz. 55c.; ¼lb. $1.75.

TALL VARIETY

823. Tall, Mixed. The 8 to 10-foot runners can be trained to fences and trellises or spread over walls, etc. A wide range of colors. Pkt. 10c.; oz. 55c.; ¼lb. $1.75.

Nemesia A.

813. Mixed. Excellent bedding plants to 1 foot high with attractive flowers in a wide range of colors. Pkt. 25c.; 1/16oz. 60c.; ⅛oz. $1.00.

ALL PRICES ARE SUBJECT TO MARKET CHANGES

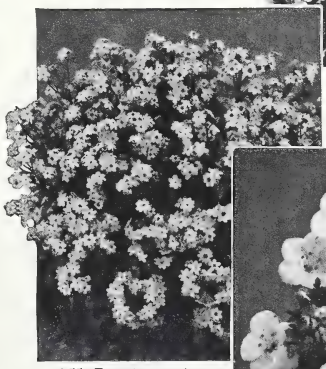
959. Mignonette, Machet
Pkt. 15c.

816. Nicotiana, Hybrids, Mixed
Pkt. 10c.

820. Nasturtiums,
Golden Gleam
Pkt. 10c.

958. Feverfew. Pkt. 15c.

957. Nemophila, Blue
Pkt. 15c.



755. Forget-me-not
Pkt. 20c.

827. Pansy, Swiss Giants. Pkt. 35c.

945. Petunia, Theodosia. Pkt. 25c.

951. Petunia, Ballerina. Pkt. 50c.

830. Petunia, Giants of California Ruffled, Mixed. Pkt. 25c.

Nemophila A.

957. Blue. Bright light blue flowers on 8-inch plants. Makes a nice bed. Pkt. 15c.; ¼oz. 40c.; ½oz. 65c.

Nicotiana (Flowering Tobacco) A.

815. Affinis. Fragrant, star-shaped, pure white flowers all summer and fall. 2 to 3 ft. Pkt. 10c.; ¼oz. 70c.

816. Hybrids, Mixed. Showy 2 to 3-foot plants with fragrant flowers in a variety of colors. Pkt. 10c.; ¼oz. 75c.

Nierembergia A.

824. Purple Robe. Cushion-like mats covered with lovely violet-blue, cup-shaped flowers. A perennial in mild climates. Pkt. 25c.

Nigella A.

825. Damascena, Miss Jekyll (Love-in-a-Mist). Profuse, double blue flowers among fine feathery foliage. For borders and cutting. Pkt. 15c.; ½oz. 50c.; oz. 90c.

Pansies A., R-G.

Pansies may be sown in August or September for early bloom the following spring or may be planted early in the spring for later bloom. Seedlings need winter protection.

956. Alpenglow. Velvety Indian red with dark blotch on lower petals. Pkt. 35c.; 1/16oz. $1.50; ⅛oz. $2.50.

955. Swiss Blue (Ullswater). Ultramarine-blue flowers with darker blotch. Pkt. 35c.; 1/16oz. $1.50; ⅛oz. $2.50.

826. Giant Trimardeau, Mixed. Wide range of colors. Large flowers with delightfully marked faces. Pkt. 20c.; ⅛oz. $1.25; ¼oz. $2.00; ½oz. $3.50; oz. $6.50.

827. Swiss Giants Reselected. Outstanding for size of flowers and full range of colors. Pkt. 35c.; 1/16oz. $1.50; ⅛oz. $2.50; ¼oz. $4.50; oz. $15.00.

828. Super Maple Leaf Giants, Mixed. Special strain with flowers perfectly round and of a velvety texture. Colors tend to the darker shades. Compact, yet husky. Pkt. 35c.; 1/16oz. $1.75; ⅛oz. $3.00; ¼oz. $5.50.

Petunias A.

For bedding, for the border, window-box or potting, they are superb. There are many types of both plant and flower.

SINGLE LARGE-FLOWERED RUFFLED

948. Fluffy Ruffles. A fine mixture of veined and bicolor shades beautifully fringed, so heavily ruffled they appear double. Best for home gardens. Pkt. 25c.

945. Theodosia. The largest fringed rose Petunia with a gold throat. Pkt. 25c.

830. Giants of California Ruffled, Mixed. Large fringed and ruffled flowers of light and dark colors, including pink and rose shades. Pkt. 25c.; 1/64oz. $2.00.

831. Dwarf Giants of California, Dark and Light Shades. Dwarf, sturdy plants especially suited to pot-culture. Flowers are beautifully ruffled and fringed. Pkt. 35c.; 1/64oz. $2.50.

GIANT SINGLE PLAIN-EDGED PETUNIAS

833. Dwarf Elk's Pride. Lovely deep velvety purple. Very compact. 9 in. Pkt. 25c.

836. Popcorn. A new early white Petunia. Very dwarf and compact. Fine for pot work and bedding. Pkt. 50c.

835. Giant-flowered, Mixed. A mixture of large-flowering single varieties. Pkt. 25c.; 1/64oz. $2.00.

F_1 HYBRID PETUNIAS

951. Ballerina. All-America Winner. Large, delicately fringed blooms of glowing salmon-pink. Compact, 12-inch growth. Pkt. 50c.

949. Comanche. An All-America Selection. Rich scarlet. Grows 15 inches tall. Pkt. 50c.

950A. Fire Dance. All-America Selection, 1956. Rich salmon-scarlet, well fringed; yellow throat. Semi-compact, dwarf. Pkt. 50c.

953A. Glitters. All-America Winner, 1957. Very showy dwarf bedder. Rich red flowers with white stripes. Blooms 2 inches across. For pots, boxes, edging and rock-gardens. Only 8 inches tall. Illustrated on page 2 of color insert. Pkt. 50c.

946. Prima Donna. Large, bright rose-pink flowers with delightfully fringed and waved petals. 12 inches tall. For bedding, borders, pots and cutting. Pkt. 50c.

962A. Red Satin. All-America Winner, 1957. Brilliant orange-red. Compact, mound-shaped plant less than a foot tall. Blooms profusely. Illustrated on page 3 of color insert. Pkt. 50c.

PETUNIAS, continued

F_2 HYBRID PETUNIAS

952A. Pow-Wow. A blended mixture of Apache, Comanche and other new varieties. Uniform habit. Illustrated on page 2 of color insert. Pkt. 50c.

789. Carnival. Crimson, blue, salmon, red, white, rose, shades of pink and variegated white and rose or white and blue flowers. Blooms are 3 to 4 inches across, with fringed and ruffled petal edges. There are some smaller, plain-edged flowers but never more than 20%. Pkt. 35c.

914. The Crown Jewels. A blend of five named varieties: Ruby, Sapphire, Royal Blue, Moonstone and Coronation. All are easy to grow. 1½ to 2 feet tall. Pkt. 25c.

SINGLE BEDDING PETUNIAS

832. Celestial Rose Reselected. Compact and free flowering. Large, deep rose flowers. Excellent for potplants and bedding. Pkt. 15c.; ⅛oz. 70c.; ½oz. $1.25; ¼oz. $2.00.

834. Flaming Velvet. AAS. Beautiful blood-red single flowers. Pkt. 15c.; ⅛oz. 60c.; ½oz. $1.00.

947. Howard's Star. Deep crimson starred blush-white. Pkt. 15c.

954. Lipstick. Carmine-rose overlaid with salmon. Early and very free flowering. Vigorous, 12 to 14-inch plant. Pkt. 25c.

841. Rosy Morn. (Hybrida nana erecta.) Rose with white throats on 12-inch plants. Pkt. 15c.; ⅛oz. 75c.; ½oz. $1.25; ¼oz. $2.00.

844. DeLuxe Bedding Mixture. An outstanding mixture of the largest-flowered varieties in the hybrid group. Pkt. 15c.; ⅛oz. 75c.; ½oz. $1.25; ¼oz. $2.00.

641. Miniature Exquisite Mixed. Very dwarf plants only 8 inches tall, covered with blooms all summer. Pkt. 25c.

BALCONY TYPES (Hybrida pendula)

Large, single flowers. Plants of trailing habit with 1½ to 2-foot runners. Fine for window-boxes.

847. Deep Blue **849. White**
848. Red **961. Rose** **850. Mixed**

Any of above Balcony Petunias, pkt. 15c.; ⅛oz. 75c.; ½oz. $1.40; ¼oz. $2.50

Phlox Drummondi A.

890. Twinkle. New for 1957. Only 6 inches high but with masses of large flowers in choice mixed colors. Many salmon and rose shades. Illustrated on page 2 of color insert. Pkt. 35c.

852. Globe Phlox Mixed. Grows only 5 or 6 inches tall. Rounded plants covered with bloom. Royal purple, white and other colors. For bedding, low edgings and pots. Pkt. 35c.

851. Gigantea, Art Shades. Strong 8 to 10-inch plants with flowers 1½ inches across in soft shades. Pkt. 15c.

PHLOX DECUSSATA P.

772. Beltsville Beauty. A wide mixture of colors including white with salmon eye, pinks of various shades, reds, maroons, etc. Pkt. 25c.

Physalis (Lantern Plant) P.

856. Francheti. Orange-scarlet fruits. Pkt. 15c.; ⅛oz. 75c.

Pinks (Dianthus) A., P., R-G.

Brilliant flowers all summer and fall. Most varieties are about a foot tall, are splendid bed and border plants, fine rock-garden specimens and desirable for cutting.

745. Heddewigi, Double Ruffled Beauty, Mixed. A. Fringed flowers; all colors. Pkt. 15c.; ¼oz. 80c.; ½oz. $1.40.

746. Heddewigi, Single, Gaiety Mixed. A. Large flowers brilliantly colored and delightfully cut and fringed. Pkt. 10c.; ¼oz. 75c.; ½oz. $1.25.

747. Plumarius (Pheasant's Eye). P. Single, fringed clove-scented flowers of red, pink and white in profusion in May and June. Low, spreading. Pkt. 15c.; ⅛oz. 75c.

648. Tetraploid Heddensis, Westwood Beauty. A., R-G. More resistant to heat than ordinary Dianthus. The flowers are shades of red, with long stems. Pkt. 15c.; ¼oz. 85c.; ½oz. $1.50; oz. $2.50.

736. Chinensis, Double Finest Mixed (China Pinks). Plants 20 inches tall. Flowers produced in clusters. Pkt. 10c.; ½oz. 85c.; oz. $1.50.

Portulaca A., R-G.

A gay plant only a few inches high, thriving in light sandy soil in full sun. For edgings, solid beds and rockeries.

963. Single Jewel. Very large flowers of deep crimson. Pkt. 15c.; ⅛oz. 60c.; ¼oz. $1.00.

861. Double, Mixed. Pkt. 15c.; ⅛oz. 75c.; ⅛oz. $1.25.

862. Single, Mixed. Pkt. 10c.; ⅛oz. 50c.; ¼oz. 90c.

948. Petunia, Fluffy Ruffles. Pkt. 25c.

PETUNIAS

The Petunia is another of those important annuals of many uses.

There are the large-flowered doubles so fine when grown in pots; the Balcony type, lovely in a hanging-basket or when drooping over the side of a window-box or garden urn. There are compact little bush kinds which look well at the edge of borders, while all types are delightful when planted in solid beds for masses of color.

949. Petunia, Comanche Pkt. 50c.

858. Poppy, Shirley, Single Mixed Pkt. 10c.

851. Phlox Drummondi gigantea, Art Shades. Pkt. 15c.

Poppies A., P.

ANNUAL VARIETIES

752. California Poppy Mixed (Eschscholtzia). A. Easily grown annuals to be sown where they are to remain and thinned to stand 12 inches apart. Do not try to transplant them. Plants are low and spreading, with fine-cut foliage. Blooms all summer. Colors include carmine and orange-scarlet, as well as the usual white, yellow and orange. Pkt. 10c.; ½oz. 75c.; oz. $1.25.

857. Sweet Briar. A double Shirley with flowers of wild-rose-pink. Pkt. 15c.; ¼oz. 50c.; ½oz. 90c.

858. Shirley, Single Mixed. A fine mixture of this grand Poppy. Pkt. 10c.; ½oz. 75c.; oz. $1.25.

PERENNIAL VARIETIES

859. Iceland Poppy, Gartford's Giant Strain, Mixed (*Papaver nudicaule*). Very long stout stems bearing large flowers; bloom all summer. The fine-cut grayish foliage is attractive and the papery flowers are beautiful. All colors. Pkt. 15c.; ⅛oz. 60c.; ½oz. $1.00; ½oz. $1.75.

860. Oriental Poppies, Scarlet. Plants grow 2 to 3 feet tall and bloom in June. Pkt. 15c.; ⅛oz. 50c.; ½oz. 85c.; ¼oz. $1.50.

ALL PRICES ARE SUBJECT TO MARKET CHANGES

861. Portulaca, Double, Mixed Pkt. 15c.

870. Scabiosa, Rosette
Pkt. 15c.

897. Statice sinuata. Choice Mixed. Pkt. 10c.

868 →
Salvia splendens, Red (Scarlet Sage)
Pkt. 20c.

867. Salvia farinacea, Blue Bedder. Pkt. 25c.

700. Salpiglossis, Mixed
Pkt. 10c.

Primula (Cowslip) P.

854. Veris Hybrids. Fragrant yellow flowers in early spring. 8 in. Pkt. 35c.

Pyrethrum P.

863. Roseum, Mixed (*Chrysanthemum coccineum*). The Painted Daisies are long-stemmed, daisy-like flowers of various colors. A good cut-flower. Pkt. 25c.; ⅛oz. 75c.; ⅛oz. $1.25; ¼oz. $2.00.

Ricinus (Castor-Bean) A.

864. Communis zanzibarensis. Large plants, 6 feet or more tall, with large foliage giving a tropical effect. Pkt. 25c.; oz. 75c.

Rock-Garden Annuals

941. Finest Mixture. A. Good for making a quick effect in the rock-garden. Pkt. 10c.; ¼oz. 60c.; ½oz. $1.00.

Salpiglossis (Painted Tongue) A.

700. Mixed. An "easy" annual growing 2 feet tall with gay flowers shaped like petunias, veined and marked with gold. Prefers full sun and not too much water. Pkt. 10c.; ⅛oz. 45c.; ¼oz. 75c.

Salvia (Scarlet Sage) A., P.

The scarlet flowers of these Salvias are the most striking in the late summer and autumn garden.

866. Bonfire (Clara Bedman). A. Compact, bushy, 2-foot plants with flowers of brilliant scarlet. Pkt. 25c.; 1/16oz. 75c.; ⅛oz. $1.25; ¼oz. $2.25; oz. $7.50.

868. Splendens, Red. A. Taller, to 3 feet. Bright scarlet flowers. Pkt. 20c.; ⅛oz. $1.00; ¼oz. $1.75; oz. $6.00.

867. Farinacea, Blue Bedder. P. Blue flowers from July to October. A perennial but will bloom first year if planted in spring. 2½ ft. Pkt. 25c.; 1/16oz. 85c.; ⅛oz. $1.50.

853. Harbinger. A. Early. Dwarf compact plants with scarlet flowers. Remains in bloom all summer if seeded indoors in February. Pkt. 35c.; 1/16oz. $1.25.

952. St. John's Fire. A. The most popular dwarf red Salvia. Grows about 12 inches high. Pkt. 25c.; 1/16oz. $1.25; ⅛oz. $2.00; ¼oz. $3.50; ½oz. $6.25; oz. $12.00.

Scabiosa (Mourning Bride) A., P.

869. Blue Moon. A. Fully double, ball-shaped flowers of deep lavender-blue. Plants grow over 3 feet tall. Pkt. 15c.; ¼oz. 75c.; ½oz. $1.35.

773. Coral Moon. A. Full range of salmon-pink from light to deep shade. Broad, frilled petals in a perfect ball. Pkt. 15c.; ⅛oz. 45c.; ¼oz. 80c.; ½oz. $1.40; oz. $2.55.

870. Rosette. A. A large-flowering type with lovely "pin-cushions" of deep rose suffused salmon. A good bloomer. 3½ ft. Pkt. 15c.; ⅛oz. 45c.; ¼oz. 80c.

871. Imperial Hybrids. A. Brilliant mixture of all Scabiosa colors in the new ball-shaped type. Fine for cutting. Pkt. 15c.; ⅛oz. 45c.; ¼oz. 75c.; ½oz. $1.25.

872. Caucasica (Blue Bonnet). P. These giant hybrids are fringed and ruffled; shades of blue from lavender to dark blue. Pkt. 25c.; 1/16oz. 85c.; ⅛oz. $1.50.

Snapdragon (Antirrhinum) A.

One of the "easy-to-grow" flowers blooming continuously all summer and fall. Fine for borders and cutting.

950A. Mardi Gras. New for 1957. An F1 hybrid mixture with a wide color range. 2½ ft. Pkt. 25c.

649. Giant Ruffled Tetra Mixed. The most satisfactory outdoor Snap offered today. Plants tall, husky and erect, with huge, ruffled florets and long spikes. Many colors and bicolors, some veined. Pkt. 25c.; 1/16oz. 75c.; ⅛oz. $1.25; ¼oz. $2.25.

RUST-RESISTANT VARIETIES

666. Rosalie. Base-branching plants producing six to eight huge spikes of large, rich deep rose flowers with an underlying tone of amber. 2½ ft. Pkt. 20c.; ⅛oz. 85c.; ¼oz. $1.50.

665. University of California Mixture. This mixture contains all of the most desirable colors and is almost totally rustproof. 2½ ft. Pkt. 15c.; ⅛oz. 75c.; ¼oz. $1.25; ½oz. $2.00.

ALL PRICES ARE SUBJECT TO MARKET CHANGES

SNAPDRAGON, continued

MAXIMUM GIANT-FLOWERED

The tallest rust-resistant Snapdragons, producing long spikes for cutting.

670. Alaska. Fine white.
668. Apple Blossom. Rosy pink with white tube.
669. Campfire. Luminous scarlet.
678. Yellow Giant. Deep yellow.
Any of above four varieties, pkt. 15c.; 1/16oz. 75c.; 1/8oz. $1.25; 1/4oz. $2.25

667. Maximum Giant-Flowered Mixed. A fine mixture of brilliant colors. 2¾ ft. Pkt. 15c.; 1/16oz. 50c.; 1/8oz. 85c.; 1/4oz. $1.50.

Scarlet Runner Bean A.

873. Phaseolus coccineus. A rapid-growing vine with sprays of brilliant red flowers like pea blossoms. The dry, ripe Beans are bright red. Pkt. 15c.; ¼lb. 75c.

Statice A.

897. Sinuata, Choice Mixed. Cloud-like masses of colorful flowers. May be dried for winter use. Pkt. 10c.; 1/4oz. 35c.; 1/2oz. 60c.; oz. $1.00.

Stocks (Gilliflower) A.

876. Dwarf, Double Ten-Weeks, Mixed. A great cut-flower. Plants 12 inches with flowers of white, yellow, pink and blue. Pkt. 15c.; 1/4oz. 60c.; 1/2oz. $1.00.
653. Evening Scented Stock (*Matthiola bicornis*). An old-fashioned annual grown for the entrancing fragrance which it emits during the evening. Lilac flowers. 2 ft. Pkt. 15c.; 1/2oz. 55c.; oz. 95c.

Sunflower A.

877. Helianthus, Sungold. Spectacular 4 to 5-inch golden yellow double flowers that stand 4 feet high. Pkt. 10c.; 1/2oz. 60c.; oz. $1.00.

Sweet Peas A., P.

CULTURE. Sow as early in spring as the ground can be worked in rich, well-limed soil with good drainage. Make a trench about a foot wide and deep and fill to about 4 inches from the top with a mixture of soil, rotted stable manure and humus. Firm soil well. Sow seed and cover with about an inch of soil. Cultivate them and gradually fill up the trench to the level of the ground. One ounce will plant a 15-foot row.

EARLY-FLOWERING SPENCERS

887. Mixed Early Spencers. Large beautifully waved blossoms on long stems. Excellent for outdoor culture as well as under glass. Pkt. 15c.; oz. 60c.; ¼lb. $2.00.

EARLY-FLOWERING ZVOLANEK'S

953. Zvolanek's Multiflora. This excellent mixture is unusually free-flowering and long-stemmed. Many stems carry 5 to 6 flowers instead of the usual 3 or 4. Highly recommended. Pkt. 25c.; 1/4oz. 50c.; 1/2oz. 90c.

SPRING-FLOWERING CUTHBERTSON'S

For outdoor or indoor culture. Heat-resistant; long stems. Blooms mid-way between the Early and Late Spencer varieties.
896. Finest Mixed Colors. Pkt. 15c.; oz. 60c.

CUTHBERTSON FLORIBUNDA VARIETIES

Developed under the direction of Frank G. Cuthbertson, the Floribunda strain not only has the superior qualities of the Cuthbertson Sweet Pea—heat-resistance, long stems, tall vigorous vines—but, with proper culture, will produce five or more large, fragrant flowers per stem.

895. Daisy. Black, seeded white.
892. Frank G. Lavender.
644. Kenneth. Crimson.
643. Robert. Mid-blue.
645. William. Pink picotee edge on white.
Any of above, pkt. 20c.; oz. $1.50.

TWO NEW CUTHBERTSON FLORIBUNDAS

893. Mac. Purple-maroon.
891. Nancy. Light salmon-pink on cream.
Either, pkt. 25c.; 1/2oz. $1.25

886. Finest Mixed Colors. A well-balanced blend. Pkt. 15c.; oz. $1.00; ¼lb. $3.25.

ALL PRICES ARE SUBJECT TO MARKET CHANGES

SWEET PEAS, continued

BUSH TYPE SWEET PEAS

878. Little Sweetheart. A new and entirely different class of Sweet Pea. Upright plants, 8 inches high form a perfectly rounded bush. Excellent color blend. Illustrated on page 2 of color insert. Pkt. 50c.

LATE SPENCER OR ORCHID-FLOWERING VARIETIES

The late Spencers produce more flowers and have longer stems than the early varieties.

898. Superb Mixed Spencers. Pkt. 10c.; oz. 60c.; ¼lb. $1.75.

EVERLASTING SWEET PEAS

778. Lathyrus latifolius. P. Hardy perennial climber growing to 8 feet. Blooms are not fragrant but make good cut-flowers in early spring. Pkt. 20c.; 1/8oz. 50c.; 1/4oz. 85c.; 1/2oz. $1.50.

Sweet Sultan A.

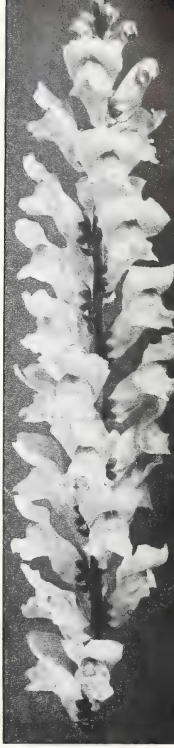
796. Centaurea imperialis, Finest Giant Mixed. Long-stemmed, large, fringed flowers; fragrant. Grows 3 feet tall. Pkt. 15c.; 1/8oz. 70c.; 1/4oz. $1.10.

Sweet William (Dianthus barbatus) B., R-G.

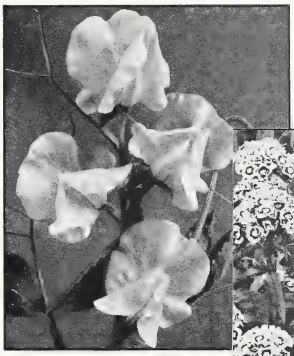
An old-fashioned border plant which is usually treated as a biennial, growing new plants every year for the second year's bloom. Plants grow 1 to 1½ feet tall, have large heads of bloom and are used for bedding, borders or the rock-garden.

900. Newport Pink. Salmon-pink. Single.
901. Scarlet Beauty. Deep scarlet. Single.
902. White. Pure white. Single.
Any of the above Sweet Williams, pkt. 15c.; 1/4oz. 45c.; 1/2oz. 75c.; oz. $1.25; ¼lb. $4.75

903. Single, Mixed. Pkt. 10c.; ¼oz. 40c.; ½oz. 70c.; oz. $1.15; ¼lb. $4.00.
904. Double, Mixed. Pkt. 15c.; ¼oz. 50c.; ½oz. 85c.; oz. $1.50; ¼lb. $5.50.
905. Dwarf Double, Mixed. A new type only 9 inches high bearing large heads of flowers in a wide range of attractive colors. Pkt. 15c.; 1/8oz. 75c.; ¼oz. $1.25.



667. Snapdragon, Maximum Giant-flowered Mixed. Pkt. 15c.

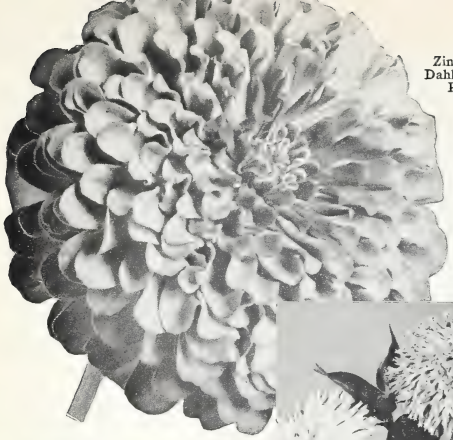


887. Sweet Peas, Early-flowering Spencer Pkt. 15c.

Dwarf Sweet William

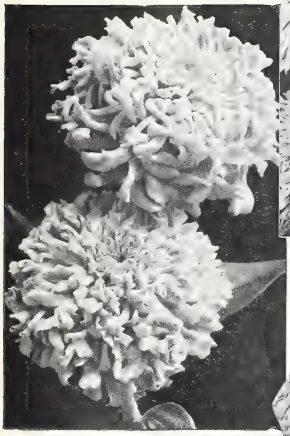
If you have not grown them we urge you to try this grand little Sweet William. Each plant in bloom looks like a compact bouquet of flowers. Don't miss them this year.

903. Sweet William, Single, Mixed Pkt. 10c.

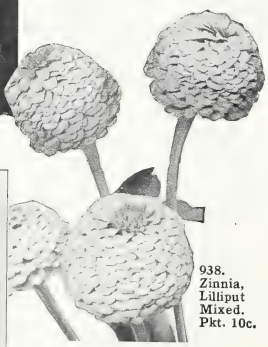


Zinnia, Giant Dahlia-flowered Pkt. 10c.

939. Zinnia, Giant Hybrids (Cactus-Flowered) Pkt. 25c.



929. Zinnia, Fantasy, Wildfire Pkt. 10c.



938. Zinnia, Lilliput Mixed. Pkt. 10c.

913. Viola cornuta, Mixed Pkt. 15c.

Satisfaction from Annuals

Most gardeners grow the same things year after year and never know the pleasure of venturing into new experiences.

Look through our list of annuals this year and try some of the things you have never grown before. A few may disappoint but many will so please that you will never want to be without them again. Expand your garden experience.

Tithonia A.

951A. Torch. 4 ft. Improved early-flowering variety with huge single blooms. Color varies from orange-topaz through tangerine. Pkt. 25c.; ⅛oz. 75c.

Thunbergia (Black-eyed Susan) A.

906. Alata, Mixed. Rapid-growing vines with neat foliage bearing attractive white, yellow or orange flowers, each with a "black eye." Pkt. 15c.; ¼oz. 80c.; ½oz. $1.40; oz. $2.50.

Torenia A.

907. Fournieri. Blue flowers with yellow centers. A fine plant for shady borders and beds. Pkt. 35c.

Tritoma (Red-Hot Poker) P.

908. Hybrida. Seed started indoors from January to March and planted out in April should bloom the first year. Striking red spires of bloom from August on. 3 ft. Pkt. 15c.; ⅛oz. 50c.; ¼oz. 90c.

Verbena A., R-G.

Spreading plants, each branch tipped with a dome-like head of small flowers. Splendid bed or border annual.

960. Sparkle. 9 in. Clusters of bright scarlet-red flowers with a large, gleaming white eye. Pkt. 20c.; ⅛oz. 60c.; ½oz. $1.00; ¼oz. $1.75; ½oz. $3.25.

837. Hybrida Grandiflora, Sutton's Blue. Deep royal blue; solid color. Pkt. 20c.; ⅛oz. 50c.; ½oz. 85c.

911. Gigantea Hybrida Grandiflora, Finest Mixed. Pkt. 15c.; ⅛oz. 75c.; ¼oz. $1.25; ½oz. $2.00; oz. $3.75.

Vinca A.

912. Rosea, Mixed (Periwinkle). Foot-high plants with shiny dark foliage and neat pink and white flowers. Seed should be started indoors early as it germinates slowly. Pkt. 15c.; ½oz. 60c.; ¼oz. $1.10.

Viola P., R-G.

913. Cornuta, Mixed (Tufted Pansy). Grows about 6 inches high and bears its lovely flowers over a long period. Pkt. 15c.; 1/16oz. 50c.; ⅛oz. 90c.

Wallflower P., R-G.

719. Siberian Wallflower (*Cheirantbus Allioni*). The 1-foot plants bear bright orange flowers in profusion. Pkt. 15c.; ¼oz. 45c.; ½oz. 75c.; oz. $1.35.

Zinnias (Youth-and-Old-Age) A.

One of the most showy and satisfactory annuals for every garden. There is a wide range of types and hues to provide color for the garden and generous quantities of cut-flowers from early summer until frost. They are easy to grow in any good garden soil.

GIANT HYBRIDS (CACTUS-FLOWERED)

963A. Ice Cream. Pure cream-colored flowers, fully double, up to 6 inches in diameter. Pkt. 25c.

946A. Kismet. Radiant Persian red blooms, 5 inches across, with informally quilled petals. Pkt. 25c.

962. Blaze. Flaming red flowers of cactus type, 4 to 5 inches across. Quilled petals make it stand out. Striking in the border and when cut. Plant about 2½ feet tall. Pkt. 25c.; ½oz. $1.10; ¼oz. $1.85.

939. Burpee's Giant Hybrids Mixed. This is a blend of the hybrid varieties into a very attractive mixture. Pkt. 25c.; ½oz. $1.00; ¼oz. $1.75.

GIANT-FLOWERED TALL VARIETIES CALIFORNIA GIANTS

These are the tallest Zinnias, growing 3 to 4 feet high, with very large double flowers on long stems. A splendid cutting type.

915. Cherry Queen. Brilliant cherry-rose.
916. Daffodil. Rich canary-yellow.
917. Enchantress. Light rose, deep rose center.
647. Miss Willmott. Soft pink.
918. Purity. Largest and best white in Zinnias.
919. Scarlet Queen. Glowing deep scarlet.
920. Violet Queen. Deep purple.
921. California Giants, Finest Mixed. All colors.

Any of above, pkt. 10c.; ¼oz. 75c.; ½oz. $1.25; oz. $2.00

DAHLIA-FLOWERED ZINNIAS

Robust plants, 2½ to 3 feet tall, bear many strong stems of fully double, 4 to 5-inch flowers resembling the show type of dahlia. Popular for bedding and to cut.

922. Canary Bird. Rich canary-yellow.
840. Crimson Monarch. Deep crimson.
948A. Dream. Deep rosy lavender.
882. Eldorado. Salmon-apricot.
923. Exquisite. Light rose, deep rose center.
885. Luminosa. Bright pink.
924. Oriole. Orange and gold.
925. Polar Bear. White.
926. Purple Prince. Deep purple.
636. Will Rogers. Lovely deep scarlet.
927. Dahlia-Flowered Finest Mixed.

Any of above, pkt. 10c.; ¼oz. 75c.; ½oz. $1.25; oz. $2.00

MEDIUM-SIZED TALL. Fantasy Type

Plants 2 to 2½ feet high with 3-inch shaggy flowers somewhat like cactus dahlias. Distinctly different from all other Zinnias.

763. Orange Lady. Deep orange.
754. Rosalie. Intense rose.
928. Star Dust. AAS. Rich deep golden yellow.
909. White Light. AAS.
929. Wildfire. Dazzling scarlet.
930. Finest Mixed. AAS. Bright mixtures.

Any of above Fantasy Zinnias, pkt. 10c.; ¼oz. 75c.; ½oz. $1.25; oz. $2.25

DWARF EDGING TYPES

838. Creeping Zinnia (*Sanvitalia procumbens*). Double yellow flowers. A sure-fire ground-cover or edging plant. Pkt. 15c.; ⅛oz. 60c.; ¼oz. $1.00.

899. Cupid, Finest Mixed. Dwarf, compact little plants bearing quantities of button flowers smaller than the Lilliput Type. For edgings and pots. Pkt. 15c.; ¼oz. 75c.; ½oz. $1.25; oz. $2.25.

940. Linearis. A dwarf native of Mexico growing 8 to 10 inches tall. Bushy plants with single flowers of golden orange with a lemon-yellow stripe. A splendid edging plant. Pkt. 15c.; 1/16oz. 70c.; ⅛oz. $1.25.

829. Persian Carpet. All-America Winner, 1952. Rich tones, like Persian carpets. Flowers of medium size, fine for cutting. Abundant bloom on 12-inch, bushy plants. Pkt. 25c.; ⅛oz. 90c.; ¼oz. $1.50.

790. Tom Thumb, Finest Mixed. Plants 6 to 8 inches tall, compact, covered with well-formed flowers of the Lilliput type. Broad color range. Excellent for borders and pot-plants. Pkt. 15c.; ¼oz. 75c.; ½oz. $1.25.

SMALL-FLOWERED DWARF. Lilliput or Pompon

These are the most popular of the Zinnia family for cutting and they make attractive solid beds. Plants grow 1½ to 2 feet tall and are free with their colorful little pompons on good vase-length stems.

814. Mahogany Gem. Blackish red.
932. Canary Gem. Canary-yellow.
933. Crimson Gem. Rich crimson.
935. Rosebud. Dainty bicolor rose.
950. Golden Gem. Golden orange.
934. Lilac Gem. Clear lilac.
936. Salmon Gem. Salmon-rose.
937. White Gem. Pure white.
938. Mixed.

Any of the above Lilliput or Pompon Zinnias, pkt. 10c.; ¼oz. 60c.; ½oz. $1.00; oz. $1.90

MEDIUM-SIZED DWARF

This garden favorite is becoming an important early cut-flower. Flowers intermediate between Giants and Lilliputs. Plants 24 inches high.

875. Pumila, Sunshine Tints (Cut-and-Come-Again). Rich pastel shades. Pkt. 10c.; ¼oz. 50c.; ½oz. 85c.; oz. $1.55.

931. Peppermint Stick. Early. About 70 per cent striped. Red and white, red and yellow, purple and white, etc. Somewhat taller than Pumila. Pkt. 20c.; ½oz. 50c.; ¼oz. 90c.; ½oz. $1.50.

ORTHO POLKA

865. An improvement on Peppermint Stick, with flowers over 4 inches broad, fully double. All sorts of color combinations; 70% striped or mottled. Very sturdy. 3 ft. Illustrated on page 2 of color insert. Pkt. 25c.

CUPID TYPE

947A. Red Riding Hood (Gracillima). Large numbers of small, bright crimson flowers. Fine for borders. Pkt. 20c.; ¼oz. 85c.

ANNUAL FLOWER GARDEN

942. Mixture. A. This is a mixture of California native hardy annuals suitable for planting in odd corners or on a vacant lot. They are easily grown varieties very desirable for cutting. Pkt. 10c.; ¼oz. 50c.; ½oz. 85c.; oz. $1.50; ¼lb. $5.00.

940. Zinnia Linearis. Pkt. 15c.

931. Medium-sized Dwarf Zinnia, Peppermint Stick. Pkt. 20c.

FLOWER SEED PLANTING GUIDE

Flower Seed	Sow Indoors	Set Outdoors	Sow Outdoors—Need Not Be Transplanted	Sow Outdoors—Should Be Transplanted
Ageratum	Mar.	May 1		
Alyssum, Sweet	Mar.	May 1	May or late fall	
Alyssum sax. com.			June–Sept.	
Antirrhinum	Mar.	May 15		
Aster, Annual	Mar.	May 10		May
Aster, Hardy			June–Sept.	
Balsam				May
Calendula	Apr.	May 1	May or late fall	
Calliopsis			May–Oct.	
Campanula			June–Sept.	
Candytuft			May	
Candytuft, Evergreen			June–Sept.	
Carnation, Marguerite	Mar.	May 1		
Celosia (Cockscomb)	Mar.	May 1		May
Centaurea Cyanus			Mar. or late fall	
Chrysanthemum, Ann.			May	
Cobaea scandens	Mar.	May 1		
Coleus	Apr.	May 10		
Coreopsis			May–Sept.	
Cosmos	Mar.	May 1		Apr.
Dahlia	Mar.	May 1		May
Delphinium	Apr.	May 10	May–Sept.	
Dianthus	Mar.	May 1	Apr. or late fall	
Digitalis				June–Sept.
English Daisy				July
Eschscholtzia			May or late fall	
Forget-me-not				July
Gaillardia grand.				Apr.–Sept.
Godetia			May	
Gourds	Apr.	May 1	May	
Helianthus	Apr.	May 1	May	
Heliotrope	Mar.	May 1		
Hollyhock	Mar.	May 10		June–Sept.
Hunnemannia			May	
Larkspur, Ann.			Mar.–late fall	
Lobelia	Mar.	May 1		
Lupin, Ann.			May or late fall	
Marigold	Mar.	May 1	May	
Mignonette	Apr.	May 1	May	
Morning-Glory			May or late fall	
Nasturtium			Apr.	
Nicotiana	Apr.	May 1		May
Pansy	Mar.	May 1		July–Aug.
Petunia	Mar.	May 1	May or late fall	
Phlox Drummondi	Mar.	May 1		
Phlox, Perennial	Feb.	May 1	Early fall	
Poppy, Iceland	Apr.	May 20	June–Sept.	
Poppy, Oriental			June–Sept.	
Poppy, Annual			Mar.–late fall	
Portulaca			Mar. or late fall	
Ricinus	Apr.	May 1		May
Salpiglossis	Apr.	May 1	May	
Salvia	Mar.	May 1		
Scabiosa	Mar.	May 1	Apr.	
Stock	Mar.	May 15		
Sweet Peas			Mar.–Nov.	
Sweet William			June–Sept.	
Verbena	Mar.	May 1	May	
Vinca	Mar.	May 1		
Wallflower	Mar.	May 1		
Zinnia	Mar.–Apr.	May 1	May	

VEGETABLE SEEDS THAT SUCCEED

We pay postage on pkts., lbs., 2 lbs., and 5 lbs. Larger quantities will be sent by Parcel Post if postage is included with order; otherwise they will be shipped by Express or Freight Collect. See page 69 for Parcel Post rates.

HOW and WHEN TO PLANT HOME-GARDEN VEGETABLES

KIND OF VEGETABLE	Quantity required for a family of 3 to 5	Dates for Sowing in Vicinity of Washington, D. C.		Seeds or Plants For 50-ft. Row	Distance Apart in Rows	Distance Rows Apart	Depth to Sow Seed	Days to Mature
		Under Glass	Open Ground					
Asparagus Roots	60		April	50 roots	1 ft.	3 ft.		1–2 years
Asparagus Seed	½ oz.		April and May	1 oz.			1 in.	3–4 years
Beans, Bush	1 lb.		April to Aug.	½ lb.	3 ins.	2 ft.	1–2 ins.	45– 75 days
Beans, Bush Lima	½ lb.		April to July	½ lb.	4 ins.	2 ft.	2 ins.	60– 90 days
Beans, Pole	½ lb.		April to June	½ lb.	4 ft.	4 ft.	2 ins.	65–100 days
Beans, Pole Lima	½ lb.		April to June	½ lb.	4 ft.	4 ft.	2 ins.	70– 90 days
Beets, Early	½ oz.	March	April to June	1 oz.	3–4 ins.	15–18 ins.	½ in.	50– 75 days
Beets, Late	½ oz.		June to Aug.	1 oz.	3–4 ins.	15–18 ins.	1 in.	75–100 days
Brussels Sprouts	1 pkt.		April to July	1 pkt.	2 ft.	2 ft.	½ in.	100–140 days
Cabbage, Early	1 pkt.	February	April	1 pkt.	18–24 ins.	2 ft.	½ in.	80–100 days
Cabbage, Late	1 pkt.		May to July	1 pkt.	18–24 ins.	2–3 ft.	½ in.	120–180 days
Carrots, Early	1 pkt.	March	April and May	½ oz.	2–3 ins.	12 ins.	½ in.	60– 80 days
Carrots, Late	1 pkt.		May to July	½ oz.	2–3 ins.	12 ins.	½ in.	100–120 days
Cauliflower, Early	1 pkt.	February	April	1 pkt.	2 ft.	2 ft.	½ in.	90–115 days
Cauliflower, Late	1 pkt.		May and June	1 pkt.	2 ft.	2 ft.	½ in.	100–140 days
Celery	1 pkt.	February	April and May	1 pkt.	6 ins.	3–5 ft.	⅛–¼ in.	115–135 days
Celeriac	1 pkt.		April and May	1 pkt.	6 ins.	3 ft.	¼ in.	100–150 days
Corn, Early	1 pkt.		May	¼ lb.	3 ft.	3–4 ft.	1 in.	60– 80 days
Corn, Main-crop	1 pkt.		May to July	¼ lb.	4 ft.	4 ft.	1 in.	80–100 days
Corn Salad	1 pkt.		April and May	¾ oz.	6 ins.	12 ins.	½ in.	45– 60 days
Cucumbers	1 pkt.		May to July	1 pkt.	4–6 ft.	4–6 ft.	1 in.	50– 70 days
Eggplant	1 pkt.	March		1 pkt.	18 ins.	2 ft.	⅛ in.	110–120 days
Endive	1 pkt.	February	April to Aug.	1 pkt.	12 ins.	18 ins.	½ in.	75–100 days
Kale, for spring use	1 pkt.		Aug. and Sept.	1 pkt.	2 ft.	2½ ft.	½ in.	55– 65 days
Kale, for fall use	1 pkt.		June to July	1 pkt.	2 ft.	2½ ft.	½ in.	55– 65 days
Kohlrabi	1 pkt.		April to July	1 pkt.	5 ins.	15 ins.	½ in.	50– 60 days
Lettuce	2 pkts.	February	April to Aug.	1 pkt.	12 ins.	12–15 ins.	⅛–¼ in.	45– 80 days
Leek	1 pkt.	February	April and May	½ oz.	6 ins.	12 ins.	½–1 in.	120–150 days
Melons, Musk	1 pkt.		May to June	1 pkt.	4–6 ft.	4–6 ft.	½–1 in.	90–120 days
Melons, Water	1 pkt.		May to June	1 pkt.	8–10 ft.	8–10 ft.	½–1 in.	100–125 days
Okra	1 pkt.		May and June	½ oz.	10 ins.	3 ft.	1 in.	55– 60 days
Onion Seed	1 pkt.	February	April and May	1 pkt.	2–3 ins.	12–15 ins.	¼ in.	95–120 days
Onion Sets	1 lb.		April and May	1 qt.	3 ins.	1 ft.	1 in.	60– 75 days
Parsley	1 pkt.		April and May	½ oz.	4–6 ins.	1 ft.	½ in.	65– 90 days
Parsnip	1 pkt.		April	1 pkt.	3–6 ins.	15–18 ins.	½–1 in.	100–150 days
Peas (smooth), Early	½ lb.		March to May	1 lb.	2 ins.	3 ft.	2 ins.	50– 65 days
Peas (wrinkled)	1 lb.		April and May	1 lb.	2 ins.	3 ft.	2–3 ins.	50– 75 days
Peppers	1 pkt.	March		1 pkt.	15–18 ins.	2–3 ft.	¼ in.	100–130 days
Potatoes	1 pk.		April to July	½ pk.	14 ins.	3 ft.	3–4 ins.	60– 90 days
Pumpkin	1 pkt.		May to June	1 pkt.	8–10 ft.	8–10 ft.	1 in.	100–130 days
Radish, Early	2 pkts.	March	April to Sept.	½ oz.	1–2 ins.	12 ins.	¼ in.	25– 50 days
Radish, Winter	1 pkt.		July and Aug.	½ oz.	3–4 ins.	12 ins.	¼ in.	25– 50 days
Salsify	1 pkt.		April and May	¾ oz.	4–6 ins.	15–18 ins.	1 in.	125–130 days
Spinach	1 pkt.		April to Sept.	½ oz.	4 ins.	12–18 ins.	½–1 in.	40– 55 days
Squash, Summer	1 pkt.		May to July	1 pkt.	4–6 ft.	4–6 ft.	½–1 in.	50– 65 days
Squash, Winter	1 pkt.		May to June	1 pkt.	8–10 ft.	8–10 ft.	1 in.	60–110 days
Swiss Chard	1 pkt.		April to June	¾ oz.	6 ins.	15–18 ins.	½ in.	50– 60 days
Tomato	1 pkt.	Feb. and April	June	1 pkt.	3 ft.	3 ft.	¼ in.	100–120 days
Turnips, Early	1 pkt.		April and May	½ oz.	4 ins.	15 ins.	½ in.	40– 75 days
Turnips, Late	1 pkt.		July to Sept.	½ oz.	4 ins.	15 ins.	½ in.	40– 75 days
Rutabaga	1 pkt.	March	June and July	½ oz.	8–10 ins.	2 ft.	½ in.	70– 90 days

ASPARAGUS

One ounce to 50 feet of drill; about 4 pounds to the acre

CULTURE. Sow in April in drills about 1 foot apart and 1 inch deep. Keep cultivated and transplant to permanent bed when a year old, following instructions under Asparagus Roots.

167. Mary Washington. A rust-resistant variety with mammoth shoots of tempting color and outstanding quality. A heavy producer. Pkt. 15c.; oz. 30c.; ¼lb. 75c., **postpaid.**

ASPARAGUS ROOTS

CULTURE. Plant in spring, after March 15, in rows 3 feet apart. The beds should be dug 18 inches deep. Place several inches of manure in the bottom of the trench and cover with 3 to 4 inches of clean rich soil.

Mary Washington. 2-yr. roots, 25, $1.50; 100, $3.75, **postpaid.**

ARTICHOKE

One ounce will produce about 500 plants

CULTURE. Sow seeds in January in the greenhouse or in hotbeds in March. Transplant, when large enough, in rows 3 feet apart, 2 feet in the row. Cultivate when growing freely, and protect the plants in winter by taking them into a cellar or in a coldframe.

248. Green Globe. Pkt. 15c.; ½oz. 75c.; oz. $1.35; ¼lb. $3.00, **postpaid.**

BEANS

Every garden, large or small, must have Beans, which are among the finest of all vegetables. They are filled with flavor and health-giving vitamins and furnish the best of food when fresh, canned, or dried. Pick Green-podded and Wax Beans early and often for heavy crops.

CULTURE. Plant about May 1 if soil is warm and dry, in rows 2½ to 3 feet apart, dropping the Beans 3 inches apart in the drills and covering not more than 2 inches deep. Soil should be well prepared. Give frequent but shallow cultivation. Sow every 2 weeks for a succession.

Green-podded Bush Beans

Two pounds will plant 100 feet of drill; 70 pounds, an acre. A peck weighs 15 pounds, a bushel 60 pounds.

570. Commodore. (58 days.) (Bush Kentucky Wonder.) Pods 7½ to 8½ inches, long, round, stringless, dark green in color. Finest flavor and quality. Pkt. 20c.; lb. 85c.; 2 lbs. $1.50; 5 lbs. $3.25, **postpaid.**
Lb. 65c.; 2 lbs. $1.20; 5 lbs. $2.75, **not postpaid.**

578. Contender. (54 days.) Resistant to common Bean mosaic and powdery mildew. Plant is heavy yielding, moderately vigorous, hardy under adverse conditions. Pods 6 to 7 inches long, oval, stringless and tender. Pkt. 15c.; lb. 70c.; 2 lbs. $1.20; 5 lbs. $2.50, **postpaid.**
Lb. 50c.; 2 lbs. 90c.; 5 lbs. $2.00, **not postpaid.**

539. Dwarf Horticultural (Taylor Long-Podded). (54 days.) Pods 5½ to 6½ inches long, light green and stringless in snap stage, turning white with splashes of crimson as it matures. An excellent pod and green shelled Bean. Pkt. 15c.; lb. 80c.; 2 lbs. $1.40; 5 lbs. $3.00, **postpaid.**
Lb. 60c.; 2 lbs. $1.10; 5 lbs. $2.50, **not postpaid.**

Green-Podded Bush Beans, continued

546. Early Bountiful. (48 days.) Rich green, flat, stringless pods 6½ to 7 inches long. Brittle and tender; ships well. Pkt. 15c.; lb. 70c.; 2 lbs. $1.20; 5 lbs. $2.50, **postpaid.**
Lb. 50c.; 2 lbs. 90c.; 5 lbs. $2.00, **not postpaid.**

547. Giant Stringless. (52 days.) Very long, nearly round, straight pods of medium green. Vigorous, spreading plants. Pkt. 15c.; lb. 70c.; 2 lbs. $1.20; 5 lbs. $2.50, **postpaid.**
Lb. 50c.; 2 lbs. 90c.; 5 lbs. $2.00, **not postpaid.**

530. Plentiful. (51 days.) Classified as a black-seeded Bountiful. Pods flat, light green, quite straight and stringless. Pkt. 15c.; lb. 70c.; 2 lbs. $1.20; 5 lbs. $2.50, **postpaid.**
Lb. 50c.; 2 lbs. 90c.; 5 lbs. $2.00, **not postpaid.**

568. Seminole. (56 days.) Disease resistant. Pods round, 6½ to 7 inches long, deep green; uniformly straight, smooth and stringless. Pkt. 15c.; lb. 75c.; 2 lbs. $1.30; 5 lbs. $2.75, **postpaid.**
Lb. 55c.; 2 lbs. $1.00; 5 lbs. $2.25, **not postpaid.**

548. Stringless Black Valentine. (51 days.) Hardy, upstanding and very prolific. Pods 6½ to 7 inches long, oval-round and filled with meaty, delicious Beans. Pkt. 15c.; lb. 70c.; 2 lbs. $1.15; 5 lbs. $2.40, **postpaid.**
Lb. 50c.; 2 lbs. 85c.; 5 lbs. $1.90, **not postpaid.**

545. Stringless Green-Pod. (53 days.) Very early and prolific; long, round, fleshy, medium green pods. Desirable for the small garden because of its crispness and long season. Pkt. 15c.; lb. 70c.; 2 lbs. $1.15; 5 lbs. $2.40, **postpaid.**
Lb. 50c.; 2 lbs. 85c.; 5 lbs. $1.90, **not postpaid.**

537. Stringless Red Valentine. (52 days.) Medium-sized pods of good color and quality. Pkt. 15c.; lb. 70c.; 2 lbs. $1.20; 5 lbs. $2.50, **postpaid.**
Lb. 50c.; 2 lbs. 90c.; 5 lbs. $2.00, **not postpaid.**

571. Sulphur. (55 days.) Pods light green, 4½ to 5 inches long, plump, straight to slightly curved, not stringless but remaining tender until Beans are far advanced. Pkt. 15c.; lb. 75c.; 2 lbs. $1.30; 5 lbs. $2.75, **postpaid.**
Lb. 55c.; 2 lbs. $1.00; 5 lbs. $2.25, **not postpaid.**

532. Wade Bush Beans

549. Topcrop Bush Beans

551. Tendergreen. (53 days.) Produces quantities of stringless, round, meaty, tender, deep green pods, 6½ to 7 inches long. Pkt. 15c.; lb. 70c.; 2 lbs. $1.20; 5 lbs. $2.50, **postpaid.**
Lb. 50c.; 2 lbs. 90c.; 5 lbs. $2.00, **not postpaid.**

538. Tennessee Green-Pod. (54 days.) Flat, dark green pods 6 to 7 inches long. Oval, flat, yellowish brown seeds. Pkt. 15c.; lb. 70c.; 2 lbs. $1.25; 5 lbs. $2.60, **postpaid.**
Lb. 50c.; 2 lbs. 95c.; 5 lbs. $2.10, **not postpaid.**

549. Topcrop. (50 days.) Resistant to common Bean mosaic. Plants upright and vigorous, attaining a height of 18 inches and a spread of about 24 inches. Light green pods 6 inches long, round, slightly creaseback. Entirely stringless, brittle, meaty and without fiber. Recommended for canning and freezing. Pkt. 15c.; lb. 75c.; 2 lbs. $1.30; 5 lbs. $2.75, **postpaid.**
Lb. 55c.; 2 lbs. $1.00; 5 lbs. $2.25, **not postpaid.**

532. Wade. (55 days.) An excellent home and market-garden variety and well adapted for processing. Plant 18 to 20 inches tall; foliage very dark green. Resistant to common Bean mosaic, Bean virus 15 and powdery mildew. Deep green pods 5½ to 6 inches long, round, tender and meaty. Pkt. 15c.; lb. 75c.; 2 lbs. $1.30; 5 lbs. $2.75, **postpaid.**
Lb. 55c.; 2 lbs. $1.00; 5 lbs. $2.25, **not postpaid.**

523. White Half Runner. (60 days.) Pods round, light green, 4 inches long, stringy and fibrous when full grown. Productive vines with short runners. Pkt. 15c.; lb. 75c.; 2 lbs. $1.30; 5 lbs. $2.75, **postpaid.**
Lb. 55c.; 2 lbs. $1.00; 5 lbs. $2.25, **not postpaid.**

Wax Beans

541. Best Yet Wax. (52 days.) The erect, bushy plants are disease-resistant. Rich lemon-yellow in color and oval in form, the pods are brittle and absolutely stringless. Superlative for the home gardener, the market gardener and the canner. Pkt. 15c.; lb. 75c.; 2 lbs. $1.30; 5 lbs. $2.75, **postpaid.**
Lb. 55c.; 2 lbs. $1.00; 5 lbs. $2.25, **not postpaid.**

552. Improved Golden Wax. (50 days.) Our improved strain of Golden Wax, rust-proof to a remarkable degree and an early and free producer of perfectly stringless, thick, flat, yellow pods. Pkt. 15c.; lb. 70c.; 2 lbs. $1.20; 5 lbs. $2.50, **postpaid.**
Lb. 50c.; 2 lbs. 90c.; 5 lbs. $2.00, **not postpaid.**

542. Pencil-Pod Black Wax. (52 days.) Long, round, bright yellow pods; stringless. Pkt. 15c.; lb. 70c.; 2 lbs. $1.20; 5 lbs. $2.50, **postpaid.**
Lb. 50c.; 2 lbs. 90c.; 5 lbs. $2.00, **not postpaid.**

540. Sure-Crop Stringless Wax. (53 days.) Pods are 6 to 7 inches long, flat, tender. Pkt. 15c.; lb. 70c.; 2 lbs. $1.20; 5 lbs. $2.50, **postpaid.**
Lb. 50c.; 2 lbs. 90c.; 5 lbs. $2.00, **not postpaid.**

524. Cherokee. (50 days.) Vines, large and erect, are highly productive of oval-shaped uniform pods, 5 to 6 inches long. Bright golden yellow, tender and stringless at all stages. Black seed. Pkt. 15c.; lb. 70c.; 2 lbs. $1.20; 5 lbs. $2.50, **postpaid.**
Lb. 50c.; 2 lbs. 90c.; 5 lbs. $2.00, **not postpaid.**

Climbing or Pole Beans

One pound will plant 100 hills; 30 pounds, an acre

543. Cherry Pole, Horticultural, or **Cut-short.** (75 days.) Short, pale green pods streaked with red; Beans splashed and spotted with wine-red. Pkt. 15c.; lb. 70c.; 2 lbs. $1.20; 5 lbs. $2.50, **postpaid.**
Lb. 50c.; 2 lbs. 90c.; 5 lbs. $2.00, **not postpaid.**

553. Kentucky Wonder or **Old Homestead.** (65 days.) Silvery green stringless pods hang in great clusters from base to top of the pole. These Beans cook deliciously tender. Pkt. 15c.; lb. 70c.; 2 lbs. $1.20; 5 lbs. $2.50, **postpaid.**
Lb. 50c.; 2 lbs. 90c.; 5 lbs. $2.00, **not postpaid.**

527. Lazy Wife. (74 days.) For snaps and green shelled or dry Beans. Stringless pods, 5 to 7 inches long. Seed roundish, white when dry. Pkt. 15c.; lb. 70c.; 2 lbs. $1.20; 5 lbs. $2.50, **postpaid.**
Lb. 50c.; 2 lbs. 90c.; 5 lbs. $2.00, **not postpaid.**

572. White Creaseback or **Cornfield.** (65 days.) Pods are stringless when young and the dry Beans are small and ivory-white. Pkt. 15c.; lb. 70c.; 2 lbs. $1.20; 5 lbs. $2.50, **postpaid.**
Lb. 50c.; 2 lbs. 90c.; 5 lbs. $2.00, **not postpaid.**

569. White-Seeded Kentucky Wonder. (64 days.) Pods 8 to 9 inches long, oval, tender and stringless at market stage. Recommended for freezing. Seed white, flat, kidney shaped. Pkt. 15c.; lb. 70c.; 2 lbs. $1.25; 5 lbs. $2.60, **postpaid.**
Lb. 50c.; 2 lbs. 95c.; 5 lbs. $2.10, **not postpaid.**

553. Kentucky Wonder Pole Beans

Edible Soy Beans

528. Bansei. (112 days for use as green shelled Beans; 30 days later for dry Beans.) Beans at green stage are dark green, oval in shape; when fully matured, yellowish with brown eye. Lb. 75c.; 2 lbs. $1.30; 5 lbs. $2.75, **postpaid.**
Lb. 55c.; 2 lbs. $1.00; 5 lbs. $2.25, **not postpaid.**

Shell Beans

526. Boston Pea or **White Navy.** (90 days.) The most popular baking Bean. Very productive. Pkt. 15c.; lb. 65c.; 2 lbs. $1.10; 5 lbs. $2.25, **postpaid.**
Lb. 45c.; 2 lbs. 80c.; 5 lbs. $1.80, **not postpaid.**

LIMA BEANS

CULTURE. Limas do best in a rich, well-drained, sandy soil and should not be planted until the ground is dry and warm. Plant the seeds edgewise, with the eye down, and cover with about 2 inches of soil.

Bush Lima Beans

One pound will plant a 100-foot row; 60 pounds, an acre

CULTURE. Plant Bush Limas in rows 3 feet apart, placing 2 or 3 Beans 12 to 15 inches apart in the row.

510. Baby Fordhook. (70 days.) The bushy plants carry surprising crops of small pods each containing 3 or 4 meaty green Beans which turn cream-colored when dry. Pkt. 15c.; lb. 75c.; 2 lbs. $1.30; 5 lbs. $2.80, **postpaid.**
Lb. 55c.; 2 lbs. $1.00; 5 lbs. $2.30, **not postpaid.**

504. Enormous. (75 days.) Vigorous bushes producing enormous pods continuously from June until frost. Large thick pods are filled with lusciously flavored thick Beans. Pkt. 15c.; lb. 70c.; 2 lbs. $1.25; 5 lbs. $2.60, **postpaid.**
Lb. 50c.; 2 lbs. 95c.; 5 lbs. $2.10, **not postpaid.**

506. Fordhook. (75 days.) Plants erect, bearing clusters of large pods well above the ground. The pods are filled with thick meaty Beans which retain their green tint when dried. Pkt. 15c.; lb. 70c.; 2 lbs. $1.25; 5 lbs. $2.60, **postpaid.**
Lb. 50c.; 2 lbs. 95c.; 5 lbs. $2.10, **not postpaid.**

512. Fordhook 242 Lima Beans

512. Fordhook 242. (72 days.) Does better in hot weather and produces more than other Fordhook varieties. Curved pods with 3 or 4 thick Beans. Large plant with heavy foliage. Pkt. 15c.; lb. 70c.; 2 lbs. $1.25; 5 lbs. $2.60, **postpaid.**
Lb. 50c.; 2 lbs. 95c.; 5 lbs. $2.10, **not postpaid.**

505. Henderson's. (65 days.) A popular home-garden variety, very early and very productive. Pkt. 15c.; lb. 65c.; 2 lbs. $1.05; 5 lbs. $2.15, **postpaid.**
Lb. 45c.; 2 lbs. 75c.; 5 lbs. $1.65, **not postpaid.**

513. Improved Large. (75 days.) Large pods well filled with large thick Beans of excellent flavor. Pkt. 15c.; lb. 70c.; 2 lbs. $1.25; 5 lbs. $2.60, **postpaid.**
Lb. 50c.; 2 lbs. 95c.; 5 lbs. $2.10, **not postpaid.**

501. Jackson Wonder. (65 days.) Speckled seed. Similar to Henderson's but more heat and drought resistant. Pkt. 15c.; lb. 65c.; 2 lbs. $1.10; 5 lbs. $2.30, **postpaid.**
Lb. 45c.; 2 lbs. 80c.; 5 lbs. $1.80, **not postpaid.**

525. Thorogreen. (65 days.) A green-seeded strain of Henderson. Preferred by canners because it retains its green seed color even when mature. Pkt. 15c.; lb. 65c.; 2 lbs. $1.10; 5 lbs. $2.30, **postpaid.**
Lb. 45c.; 2 lbs. 80c.; 5 lbs. $1.80, **not postpaid.**

Pole Lima Beans

One pound will plant 50 hills; 45 pounds, an acre

CULTURE. Plant 4 to 6 Beans in each hill and thin to the 3 best plants.

517. Evergreen. (85 days.) Clusters of large pods hang all over the vine and are filled with the most delicious Beans which are so tender they cook quickly. Pkt. 15c.; lb. 70c.; 2 lbs. $1.20; 5 lbs. $2.50, **postpaid.**
Lb. 50c.; 2 lbs. 90c.; 5 lbs. $2.00, **not postpaid.**

509. Carolina or **Sieva.** (78 days.) Familiarly known in the South as the "Butter Bean," it is a very early and productive variety. The small Beans are white and of good flavor. Pkt. 15c.; lb. 65c.; 2 lbs. $1.05; 5 lbs. $2.15, **postpaid.**
Lb. 45c.; 2 lbs. 75c.; 5 lbs. $1.65, **not postpaid.**

502D. Giant Podded. (90 days.) Recommended for home gardens and freezing. Pods 6½ to 7 inches long and 1¼ inches wide, with 5 and sometimes 6 extra large, oval, flat, green Beans of delicate flavor. Vines vigorous growing, producing pods in clusters of 4 to 8 from the bottom to top. Pkt. 15c.; lb. 75c.; 2 lbs. $1.30; 5 lbs. $2.75, **postpaid.**
Lb. 55c.; 2 lbs. $1.00; 5 lbs. $2.25, **not postpaid.**

502. Florida Butter Speckled (Calico Beans). (80 days.) Bears well over a long season and stands drought and heat better than most varieties. Seed speckled. Pkt. 15c.; lb. 65c.; 2 lbs. $1.10; 5 lbs. $2.25, **postpaid.**
Lb. 45c.; 2 lbs. 80c.; 5 lbs. $1.75, **not postpaid.**

516. King of the Garden. (85 days.) Luxuriant growth produces large pods filled with 5 or 6 perfect Beans of luscious quality which retain their green color when dry. Pkt. 15c.; lb. 70c.; 2 lbs. $1.20; 5 lbs. $2.50, **postpaid.**
Lb. 50c.; 2 lbs. 90c.; 5 lbs. $2.00, **not postpaid.**

508. Fordhook Pole or **Improved Challenger.** (78 days.) So named because the Beans are similar in shape and size to those of Fordhook Bush Limas. Pkt. 15c.; lb. 75c.; 2 lbs. $1.30; 5 lbs. $2.75, **postpaid.**
Lb. 55c.; 2 lbs. $1.00; 5 lbs. $2.25, **not postpaid.**

FOR QUANTITY PRICES WRITE FOR MARKET-GROWERS' LIST

290. Perfected Detroit Beet

BEETS

One ounce will sow 50 feet of drill; 6 to 7 pounds, an acre

Beet tops have unusually high food value, being rich in vitamins A and C and ranking high as suppliers of calcium and iron. Save all your Beet tops, especially the little ones pulled out in thinning; they make delicious cooked greens.

CULTURE. Beets do best in fairly light, well-enriched soil which is kept well cultivated during the season. Sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked, and for a succession continue sowing up to the middle of August. When 3 inches tall thin out to stand 4 inches apart.

Late Beets can be kept for winter use by packing the roots in slightly moist earth in a cool cellar.

260. Green-Top Bunching. (50 days.) A very attractive, early bunching Beet. Tops medium erect, grayish green in color. Roots round, smooth and glossy, with very fine texture and bright blood-red flesh. Pkt. 15c.; oz. 30c.; ¼lb. 70c., **postpaid.**

296. Extra-Early Superb. (50 days.) The shape is uniformly perfect and is free from fibrous side-roots. Its smooth, rich, dark blood-red flesh is tender, crisp and deliciously sweet. The small top makes it ideal for bunching. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

275. Crosby's Extra Early. (50 days.) Superior strain of Egyptian with deep blood-red flesh. Roots are slightly flattened globes with small tap-roots. The larger tops are in demand for greens. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

290. Perfected Detroit Dark Red. (60 days.) Roots globe shaped, smooth with slender tap-root. Flesh deep dark red with very indistinct zoning, tender and of sweet flavor. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

267. Early Blood Turnip. (55 days.) Bright red, medium early Beet of very good quality. Popular for home or garden use. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

270. Early Wonder. (52 days.) Its extra-early maturity, small tap-root, small tops, deep red color and fine-grained flesh make this a winner in the early market. Successful in hotbeds, coldframes or open ground. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

142. Winterkeeper. (78 days.) A tapered-rooted, long-season Beet unexcelled for winter storage in cellars or pits. Retains its excellent eating qualities longer than standard sorts. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

Mangel-Wurzel

For Cattle Feed

Sow 5 pounds to acre
Matures in 90 to 110 days

283. Giant. The heaviest cropper. Mammoth roots of fine quality. Pkt. 10c.; oz. 20c.; ¼lb. 45c.; lb. $1.25, **postpaid.**

150. Mammoth Long Red. Roots light red, large, long spindle shape, straight and thick. Flesh white tinged with rose. Pkt. 10c.; oz. 20c.; ¼lb. 45c.; lb. $1.25, **postpaid.**

SWISS CHARD

Spinach Beet

One ounce will sow 60 feet of row

Chard is high in vitamin A and is a reliable source of iron.

CULTURE. Sow the seeds about an inch apart in the row, covering with an inch of soil. When 3 to 4 inches tall, thin to stand 8 to 10 inches apart in the row. The plants will furnish greens all summer and fall. If plants are protected over winter, they will furnish early greens before the new crop is ready.

300. Fordhook Giant. (60 days.) Wide, heavily crumpled leaves of dark green and broad, thick white stems. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

279. Lucullus. (60 days.) Plants grow 1½ to 2 feet tall with many yellowish green curled leaves carried on creamy white thick stalks. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

256. Rhubarb. (60 days.) Plant 24 inches tall, upright. Stems and midribs are bright crimson, resembling rhubarb. Leaf is dark green, crumpled, veined crimson. Pkt. 15c.; oz. 30c.; ¼lb. 70c., **postpaid.**

BROCCOLI

One ounce will produce 2500 to 3000 plants

Broccoli is an excellent source of vitamins A and C and supplies both calcium and iron.

CULTURE. Start seed in hotbeds in early spring or sow in garden when soil is in condition to work. Transplant to open ground when plants are six weeks old, setting them 2 feet apart in row.

235. Italian Green Calabrese or **Italian Green Sprouting.** (75 days.) Makes a tall branching plant with a central head of bluish green buds, and after this central head is cut each branch forms a smaller head so that there is continuous production for 8 to 10 weeks. Pkt. 15c.; ½oz. 25c.; oz. 45c.; ¼lb. $1.10, **postpaid.**

168. Salad Broccoli. Yields an abundance of excellent salad greens. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

235. Italian Green Calabrese Broccoli

300. Fordhook Giant Swiss Chard

BRUSSELS SPROUTS

One ounce will produce about 2500 plants.

Brussels Sprouts are high in vitamin C and have some vitamin A.

CULTURE. The plants are very hardy and may remain outdoors in many locations during the winter. Frost improves both quality and flavor of the vegetable. Handle seed and small plants like late cabbage.

110. Perfection. (90 days.) The stalks grow about 2 feet tall and produce from 50 to 100 delicious miniature cabbages. Pkt. 15c.; ½oz. 50c.; oz. 85c.; ¼lb. $2.15, **postpaid.**

CABBAGE

One ounce will produce 2000 to 2500 plants; ¼ pound should plant an acre

Cabbage is especially valuable for its vitamin C.

CULTURE. Cabbage does best in fresh, rich, well-manured soil deeply prepared. For very early use sow in January or February in hotbeds, transplanting to other hotbeds when ready, or sow in coldframes in March. Transplant, when frost-danger has passed, to open ground, 1½ to 2 feet apart in the row.

Later crops can be sown outside from late March until early May, in drills from transplanting, or better, sow in the field-rows, thinning out instead of transplanting. Days listed are from setting of plants.

Extra-Early Varieties

122. Big Winner Wakefield. (68 days.) Like all the Wakefields, the head is conical with a blunt point but it is larger and of better quality. Pkt. 15c.; ½oz. 30c.; oz. 50c.; ¼lb. $1.25, **postpaid.**

233. Early Round Dutch. (70 days.) Produces small compact plants; stem short; heads medium dark green; average 4 to 5 pounds. Pkt. 15c.; ½oz. 35c.; oz. 60c.; ¼lb. $1.45, **postpaid.**

200. Golden Acre. (65 days.) A Copenhagen type with smaller solid round heads maturing 7 to 10 days earlier than Copenhagen Market. Pkt. 15c.; ½oz. 35c.; oz. 60c.; ¼lb. $1.45, **postpaid.**

292. Jersey Wakefield. *Selected Stock.* (65 days.) The most popular early pointed-head Cabbage. Our selected stock has medium-sized solid heads with few outer leaves. Heads all mature at one time. Pkt. 15c.; ½oz. 30c.; oz. 50c.; ¼lb. $1.25, **postpaid.**

Extra-Early Varieties, continued

125. Resistant Detroit. *Yellows-Resistant.* (68 days.) A yellows-resistant strain of Golden Acre. Plant medium small, suitable for close planting; medium light green heads 6 to 6½ inches, round, solid. Interior white and of good quality. Pkt. 15c.; ½oz. 50c.; oz. 85c.; ¼lb. $2.15, **postpaid.**

Early Cabbage

266. Allhead Early. (78 days.) This earliest of the large-heading Cabbages produces remarkably solid, flat heads 6 to 7 inches deep. They are uniform in color and size. A good winter keeper. Pkt. 15c.; ½oz. 30c.; oz. 50c.; ¼lb. $1.25, **postpaid.**

257. Bonanza. (75 days.) Heads almost round, very firm and uniform, averaging 4 pounds. An outstanding shipping and market variety. Pkt. 15c.; ½oz. 45c.; oz. 70c.; ¼lb. $1.80, **postpaid.**

243. Copenhagen Market. (70 days.) A dependable market variety maturing high-quality heads averaging 3½ to 4 pounds each. Pkt. 15c.; ½oz. 35c.; oz. 60c.; ¼lb. $1.45, **postpaid.**

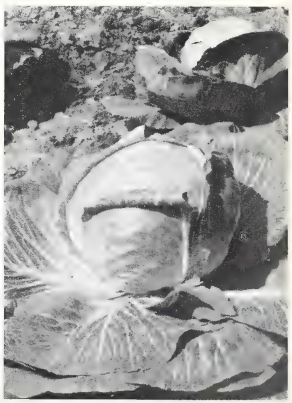
274. Large Charleston Wakefield. (72 days.) Matures about 5 to 10 days later than Jersey Wakefield and produces heads half again as large. Heads are pointed, with dark green outer leaves. Pkt. 15c.; ½oz. 30c.; oz. 50c.; ¼lb. $1.25, **postpaid.**

151. Marion Market. *Yellows-Resistant.* (78 days.) A yellows-resistant strain of Copenhagen Market with the parent's round head and crisp tenderness. Succeeds where non-resistant strains fail completely. Pkt. 15c.; ½oz. 40c.; oz. 60c.; ¼lb. $1.55, **postpaid.**

Late Varieties

282. Late Flat Dutch. (110 days.) An old favorite with truck gardeners who appreciate its large size, solidity, and good keeping qualities. Pkt. 15c.; ½oz. 30c.; oz. 50c.; ¼lb. $1.25, **postpaid.**

128. Oakview Ballhead. (110 days.) Plants medium, short stemmed, erect and compact, extremely hardy. Heads spherical, 7½ to 8 inches in diameter, averaging 8 to 10 pounds. Remarkably firm and solid. Pkt. 15c.; ½oz. 45c.; oz. 70c.; ¼lb. $1.80, postpaid.



233. Early Round Dutch Cabbage

For quantity prices write for market-growers' list

CABBAGE, Late Varieties, continued

212. Penn State Ballhead. (100 days.) Heads attractive, slightly flattened globe shape, extremely hard. Suitable for winter storage and kraut. Medium short stemmed. Pkt. 15c.; ½oz. 35c.; oz. 60c.; ¼lb. $1.45, **postpaid.**

255. Red Acre. (90 days.) The earliest red Cabbage. Solid, deep purplish red heads. Recommended for shipping. Pkt. 15c.; ½oz. 45c.; oz. 70c.; ¼lb. $1.80, **postpaid.**

297. Chieftain Savoy. (90 days.) The best Savoy Cabbage for general use. Heads are nearly round, full and hard, with dark green crimped leaves. Pkt. 15c.; ½oz. 45c.; oz. 70c.; ¼lb. $1.80, **postpaid.**

180. Wisconsin Hollander. *Yellows-Resistant.* (105 days.) A strain of Danish Ballhead. Heads round, becoming slightly flattened; color blue-green. A heavy cropper, excellent for shipping and storage. Pkt. 15c.; ½oz. 45c.; oz. 70c.; ¼lb. $1.80, **postpaid.**

Chinese or Celery Cabbage

Heads are easily blanched and may be used as a salad or boiled like cabbage. The plants are tender and heads must be gathered before frost.

245. Chihili. (75 days.) A very early variety which is a sure header, producing heads 18 to 20 inches long and 3½ to 4 inches through. Pkt. 15c.; oz. 30c.; ¼lb. 80c., **postpaid.**

216. Pe-Tsai. (80 days.) Solid, compact, somewhat tapering heads with all but the outer leaves blanching a rich creamy white. A delicious crisp, sweet vegetable. Pkt. 15c.; oz. 30c.; ¼lb. 80c., **postpaid.**

CAULIFLOWER

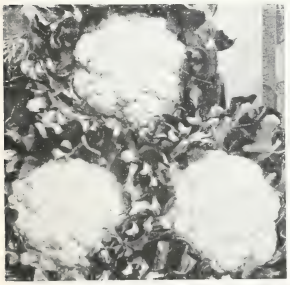
One ounce will produce about 2000 plants.

Cauliflower is valuable for its vitamin C.

CULTURE. Same as Cabbage. When heads are about 2 inches in diameter tie up the outer leaves to blanch the head.

188. Early Snowball. (90 days.) This best known of all Cauliflowers may be planted early in spring or late in fall. The dwarf plants with their pale green leaves form a perfect background for the large, solid, pure white heads which are of excellent quality. Pkt. 25c.; ¼oz. 85c.; ½oz. $1.50; oz. $2.70; ¼lb. $6.00, **postpaid.**

222. Snowdrift. (90 days.) Holland grown. Heads are extremely white, large, deep and with tight curl. The sturdy plants produce large leaves that cover the heads well. Pkt. 25c.; ¼oz. $1.10; ½oz. $2.00; oz. $3.60; ¼lb. $8.00, **postpaid.**



188. Early Snowball Cauliflower

294. Early Rubicon Carrots

CARROTS

One ounce will sow 100 feet of row; 3 to 4 pounds, an acre

Carrots are one of the best sources of the important vitamin A and provide a fair supply of vitamin C. Eat plenty of Carrots.

CULTURE. Carrots do best in rich, sandy loam well pulverized and kept deeply cultivated. Sow seed thinly in rows and cover with ½ inch of soil, treading down firmly. Sow as early as ground is workable and at periods up to July for latest crop. Thin out to 4 inches apart. Keep well cultivated.

280. Danvers Half-Long Orange Pointed. (75 days.) Large, cylindrical, smooth Carrot of dark orange. The flesh is close in texture with little core. It thrives in all soils and is one of the heaviest producers grown. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

294. Early Rubicon. (72 days.) A half-long, stump-rooted Carrot of deep red-orange. Earlier than Danvers, its heavier, thicker shoulder makes it a wonderfully heavy cropper, producing 3 to 4 tons to the acre under good culture. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

104. Gold Pak. (75 days.) A refined bunching Carrot with smooth, rich orange roots, long and slender. In addition, short strong tops give it an appealing appearance. Pkt. 25c.; ½oz. 40c.; oz. 65c.; ¼lb. $1.60, **postpaid.**

276. Imperator. (75 days.) An ideal Carrot for market growers and shippers. Strong tops bunch well. The tapering roots are 7 to 8 inches long with rich orange flesh, mild and sweet and nearly coreless. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

309. Nichol's Long Orange Improved. (85 days.) A heavy yielder and good keeper. Roots up to 12 inches long and 3 inches in diameter at top. Tender, sweet flesh makes it a desirable table Carrot. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

148. Red-Core Chantenay. (70 days.) This tender, sweet Carrot is reddish orange all the way through. There is no yellow core to spoil the looks when it is sliced. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

CELERY

One ounce will produce about 5000 plants; ⅛ ounce will sow 100 feet of row; ¼lb. will plant an acre.

CULTURE. Sow from late March through April in rich mellow ground in shallow drills and keep well watered. Celery seed germinates in about two weeks if the soil is kept always moist. Transplant when the seedlings are 5 to 6 inches tall to stand 5 to 6 inches apart in the row. Keep well cultivated and blanch by earthing up when plants are large enough. Time to maturity of Celery varies considerably; we give approximate days.

155. Giant Pascal. (135 days.) A strong-growing Celery with dark green leaves and large thick stalks which blanch easily. They are solid and crisp with a rich nutty flavor. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. $1.80, **postpaid.**

239. Golden Self-blanching. *Bolgiano's Special Strain.* (115 days.) Growth is vigorous and compact with straight stalks which are rich golden yellow in color and solid and crisp. Pkt. 15c.; ½oz. 50c.; oz. 85c.; ¼lb. $2.15, **postpaid.**

ACME GARDEN GUARD

SAFE ON GARDEN VEGETABLES. 1% Rotenone, the active element, is harmless to humans and pets. Can safely be used to protect garden produce right up to picking time without fear of harmful residue. While not so spectacular as some of the newer chemicals, nevertheless it effectively controls a wide range of insects preying on beans, cabbage, currants and many other vegetables, also flowers.

239. Golden Self-blanching Celery

For quantity prices write for market-growers' list

CELERIAC

Turnip-rooted Celery

One ounce will sow 800 feet of row

CULTURE. Seed should be started indoors and transplanted when large enough to stand 8 inches apart in the row. Use when the roots are about 2 inches across. Culture is much the same as celery except that it is not hilled up, the edible portion being the roots. Prefers well-manured, fairly moist soil. Frequent cultivation and frequent waterings during dry times produce the finest roots.

165. Large Smooth Prague. (120 days.) A distinct variety with large, smooth, round roots with a celery-like flavor. The roots may be boiled or used in soups, stews, etc. Pkt. 15c.; ½oz. 50c.; oz. 85c.; ¼lb. $2.15, **postpaid.**

CHICORY

½ ounce will plant 100 feet of row; 4 pounds, an acre

199. Witloof or **French Endive.** (110 days.) Seed should be sown in open ground not later than June and thinned out to stand 4 to 6 inches apart. The plants form large parsnip-shaped roots which are lifted in fall, trimmed of leaves and stored in soil in a cool place until wanted for forcing. Roots can be forced in a frame, greenhouse or warm cellar. Pkt. 15c.; ½oz. 40c.; oz. 65c.; ¼lb. $1.60, **postpaid.**

217. Cicoria di Catalogna (**Radichetta**). An annual with leaves like dandelion, used for early greens; leaves and flower shoots very tender, with faint asparagus flavor. Pkt. 15c.; ½oz. 45c.; oz. 70c.; ¼lb. $1.80, **postpaid.**

COLLARDS

One ounce will sow 200 feet of row

Collard is a large Kale popular in the South, and as a producer of winter and spring greens is unexcelled. Collards provide vitamins A, C and B_1.

CULTURE. Sow thickly in rows any time up to September, in rich ground, transplanting when about 4 inches high, or sow where the plants are to remain and thin out to stand 2 feet apart.

261. Cabbage-Collards. (75 days.) A cross of Collards and Cabbage, having a cabbage-like flavor and growing 2 feet tall. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

281. Southern or **Georgia.** (75 days.) The old-time favorite which stands all kinds of adverse conditions without injury, providing good greens in soil too poor to grow cabbage. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

119. Vates. (75 days.) Developed at the Virginia Truck Experiment Station from a cross between Wonder and Heading Collard. This non-heading Collard is practically free from purple tinge in stem or leaf and withstands cold weather. Leaves dark green. Pkt. 15c.; oz. 30c.; ¼lb. 80c., **postpaid.**

POP-CORN

520. White Rice. (110 days.) Short ears with long, pointed translucent kernels which pop snow-white. Pkt. 15c.; lb. 65c.; 2 lbs. $1.10; 5 lbs. $2.25, **postpaid.** Lb. 45c.; 2 lbs. 80c.; 5 lbs. $1.75, **not postpaid.**

529. South American Yellow. (100 days.) Ears 7 inches long, with about 12 rows of yellow kernels that pop freely into large fluffy white Pop-corn. Pkt. 15c.; lb. 65c.; 2 lbs. $1.10; 5 lbs. $2.25, **postpaid.** Lb. 45c.; 2 lbs. 80c.; 5 lbs. $1.75, **not postpaid.**

SUGAR OR SWEET CORN

One pound plants 200 hills; 10 to 12 pounds, an acre

CULTURE. Corn should never be planted until the ground has become warm and dry. For succession plant every two weeks until the middle of July. Corn thrives in rich, well-manured ground. In hand-planting make a shallow hole with corner of the hoe, drop 6 kernels of Corn, cover with an inch of soil, and press down with the hoe. Hills should be 3 feet apart. Thin out to 3 plants in each hill. Extra-early varieties can be planted as close as 1½ feet apart.

Extra-Early Varieties

(Not Sugar Corn)

533. Adams Extra Early. (72 days.) Five-inch ears of white Corn which is fairly tender and sweet when young. Pkt. 15c.; lb. 60c.; 2 lbs. $1.00; 5 lbs. $2.00, **postpaid.** Lb. 40c.; 2 lbs. 70c.; 5 lbs. $1.50, **not postpaid.**

511. Adams Early Ideal. (78 days.) Large ears 7 to 10 inches long with mildly flavored kernels. Pkt. 15c.; lb. 60c.; 2 lbs. 95c.; 5 lbs. $1.90, **postpaid.** Lb. 40c.; 2 lbs. 65c.; 5 lbs. $1.40, **not postpaid.**

521. Truckers' Favorite. (80 days.) A very hardy white Corn with large ears. A favorite in the South. Pkt. 15c.; lb. 55c.; 2 lbs. 90c.; 5 lbs. $1.80, **postpaid.** Lb. 35c.; 2 lbs. 60c.; 5 lbs. $1.30, **not postpaid.**

Early Varieties

536. Aunt Mary. (80 days.) Medium early white. The sweetest and tenderest of all Sweet Corns and especially adapted for growing in home gardens. Edible over a long period. Pkt. 15c.; lb. 75c.; 2 lbs. $1.30; 5 lbs. $2.75, **postpaid.** Lb. 55c.; 2 lbs. $1.00; 5 lbs. $2.25, **not postpaid.**

514. Extra-Early Evergreen. (80 days.) Ripens 10 days earlier than Stowell's Evergreen. Pkt. 15c.; lb. 65c.; 2 lbs. $1.10; 5 lbs. $2.20, **postpaid.** Lb. 45c.; 2 lbs. 80c.; 5 lbs. $1.70, **not postpaid.**

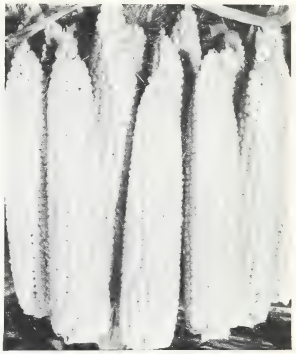
519. Golden Bantam. (80 days.) Delicious yellow Corn which is yet one of the sweetest and tastiest of all. Pkt. 15c.; lb. 65c.; 2 lbs. $1.10; 5 lbs. $2.20, **postpaid.** Lb. 45c.; 2 lbs. 80c.; 5 lbs. $1.70, **not postpaid.**

Late Varieties

522. Black Mexican. (87 days.) The seed is black but kernels are white at table stage. Very sweet. Pkt. 15c.; lb. 65c.; 2 lbs. $1.10; 5 lbs. $2.30, **postpaid.** Lb. 45c.; 2 lbs. 80c.; 5 lbs. $1.80, **not postpaid.**

515. Country Gentleman or **Shoe-Peg.** (95 days.) The deep shoe-peg kernels are set irregularly instead of in rows. Pkt. 15c.; lb. 65c.; 2 lbs. $1.10; 5 lbs. $2.20, **postpaid.** Lb. 45c.; 2 lbs. 80c.; 5 lbs. $1.70, **not postpaid.**

518. Stowell's Evergreen. (95 days.) Our selected stock has been of the true deep strain and evergreen character. The ears are large and the white kernels are sweet and tender. Pkt. 15c.; lb. 65c.; 2 lbs. $1.10; 5 lbs. $2.20, **postpaid.** Lb. 45c.; 2 lbs. 80c.; 5 lbs. $1.70, **not postpaid.**



565. Golden Security Hybrid Sweet Corn

Hybrid Sugar Corns

503A. Aristogold Bantam Evergreen. (87 days.) This high-yielding hybrid produces uniform ears 9 to 10 inches long, with 16 to 18 rows of rich yellow kernels. Resistant to earworm, smut and hot weather. Pkt. 20c.; lb. 90c.; 2 lbs. $1.60; 5 lbs. $3.50, **postpaid.** Lb. 70c.; 2 lbs. $1.30; 5 lbs. $3.00, **not postpaid.**

535. Belgold. (70 days.) An excellent early variety. Ears 8 inches in length, with 12 to 14 rows of light yellow kernels of fine flavor. Pkt. 20c.; lb. 90c.; 2 lbs. $1.60; 5 lbs. $3.50, **postpaid.** Lb. 70c.; 2 lbs. $1.30; 5 lbs. $3.00, **not postpaid.**

504A. Golden Beauty. (73 days.) Valuable as an early home-garden and local market variety. A heavy yielder of ears averaging 6 to 7½ inches long, with 12 to 14 rows of medium-deep, golden yellow kernels. Stalks 4½ to 5½ feet tall. Pkt. 20c.; lb. 90c.; 2 lbs. $1.60; 5 lbs. $3.50, **postpaid.** Lb. 70c.; 2 lbs. $1.30; 5 lbs. $3.00, **not postpaid.**

550. Golden Cross Bantam. (85 days.) Resistant to wilt and is a heavy producer. Ears average 12 rows of golden yellow kernels. Pkt. 20c.; lb. 75c.; 2 lbs. $1.30; 5 lbs. $2.80, **postpaid.** Lb. 55c.; 2 lbs. $1.00; 5 lbs. $2.30, **not postpaid.**

565. Golden Security. (83 days.) Ears 8 to 8½ inches long, cylindrical, slightly tapered at tip with 14 to 16 rows golden yellow kernels. Tight husk at tip resists earworm damage. Pkt. 20c; lb. 90c.; 2 lbs. $1.60; 5 lbs. $3.50, **postpaid.** Lb. 70c.; 2 lbs. $1.30; 5 lbs. $3.00, **not postpaid.**

534. Ioana. (85 days.) Resistant to both wilt and drought and bears 7½ to 8-inch light yellow ears. Pkt. 20c.; lb. 75c.; 2 lbs. $1.30; 5 lbs. $2.80, **postpaid.** Lb. 55c.; 2 lbs. $1.00; 5 lbs. $2.30, **not postpaid.**

563. Iochief. (85 days.) A heavy producer of ears averaging 9 inches long with 15 to 18 rows of deep golden kernels. Pkt. 20c.; lb. 90c.; 2 lbs. $1.60; 5 lbs. $3.50, **postpaid.** Lb. 70c.; 2 lbs. $1.30; 5 lbs. $3.00, **not postpaid.**

507. Hybrid Stowell's Evergreen. (98 days.) Sturdy stalks bear slightly tapered ears with 16 to 18 rows of deep white kernels. Pkt. 20c.; lb. 85c.; 2 lbs. $1.50; 5 lbs. $3.25, **postpaid.** Lb. 65c.; 2 lbs. $1.20; 5 lbs. $2.75, **not postpaid.**

For quantity prices write for market-growers' list

CRESS

One ounce will sow 100 feet of row

The Cresses furnish warm, pungent flavor to salads and are useful for garnishing.

CULTURE. Water-Cress may be grown in moist ground but does best in shallow clear running water. Upland Cress should be sown thickly in shallow drills every 2 to 3 weeks in ordinary rich soil and should be cut often.

317. American Upland. (60 days.) A fine salad plant with about the same flavor as Water-Cress. Desirable because it grows in ordinary soil and is ready to pick in two months, or less. Pkt. 15c.; oz. 35c.; ¼lb. 90c., **postpaid.**

130. Water-Cress. This delicious salad plant is a true perennial. Everyone with a shallow stream should have a bed of Cress. Pkt. 15c.; ¼oz. 45c.; ½oz. 70c.; oz. $1.15; ¼lb. $2.90, **postpaid.**

CUCUMBER

One ounce will plant 50 hills; 2 pounds, an acre

CULTURE. Cucumbers prefer rich, loamy, fairly moist soil and should not be planted until ground is warm. Plant in hills, dropping 6 to 8 seeds in each hill and covering with ½ inch of soil; thin to 3 or 4 strongest plants in each hill. Continue planting at intervals for succession. Cucumbers for pickles may be planted during June and early July. For an extra-early crop start seed in small pots in hotbeds.

284. A. and C. (68 days.) Fruits are uniform, very dark green and taper slightly at ends. They average 2¼ inches through and up to 10 inches long. Pkt. 15c.; oz. 35c.; ¼lb. 90c., **postpaid.**

229. Ashley. (60 days.) A new introduction by Dr. W. C. Barnes of the South Carolina Experiment Station. Fruit size and shape similar to Marketer; color slightly better. Resistant to downy mildew. Pkt. 15c.; oz. 50c.; ¼lb. $1.25, **postpaid.**

301. Early White Spine (Perfection). (60 days.) A standard early variety 8 inches long by 2½ inches thick. Pkt. 15c.; oz. 30c.; ¼lb. 70c., **postpaid.**

272. Early Fortune. (65 days.) Fruits average 9 x 2½ inches, are dark green in color, of excellent quality. Pkt. 15c.; oz. 30c.; ¼lb. 70c., **postpaid.**

251. Gherkin or **Small Burr.** (60 days.) Small spiny fruits used when small for pickling. Pkt. 15c.; oz. 45c.; ¼lb. $1.10, **postpaid.**

156. Hybrid Cucumber, Sensation. (60 days.) This white-spine hybrid is highly resistant to mosaic and downy mildew, with vine growth that is vigorous, holding up over a long production period. Fruits 8 inches long, smooth, uniform, blunt on both ends, with medium to small seed cavity. Flesh crisp and white, with dark green outer color. Pkt. 25c.; ½oz. 85c.; ¼oz. $1.50; ½oz. $2.50; oz. $4.50; ¼lb. $12.50, **postpaid.**

228. National Pickling. (60 days.) A standard pickling variety with uniform slender fruits of medium green color. Pkt. 15c.; oz. 30c.; ¼lb. 70c., **postpaid.**

310. Long Green. (67 days.) A large, deep green, heavily warted variety with solid, crisp flesh. It often grows to 12 inches and is an ideal large pickle Cucumber. Pkt. 15c.; oz. 35c.; ¼lb. 90c., **postpaid.**

105. Marketer. (65 days.) Smooth, dark green fruits 8 to 10 inches long and 2½ inches thick, tapering at stem end. Flesh white and solid, with small seed cavity. White spine. Good color and slim shape make it a good slicer and shipper. Pkt. 15c.; oz. 35c.; ¼lb. 90c., **postpaid.**

140. Palomar. (64 days.) A heavy yielder of attractive, dark green fruits 8 to 8½ inches long, tapered to both ends. Earliness and downy mildew resistance make this an outstanding shipper. Pkt. 15c.; oz. 50c.; ½lb. $1.25, **postpaid.**

264. Straight-8. (66 days.) Fruits are uniform in shape, averaging 8 inches long and 1½ inches in diameter. Rich, deep green color which is free from striping. Pkt. 15c.; oz. 35c.; ¼lb. 90c., **postpaid.**

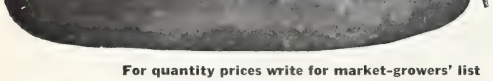
117. Santee. (60 days.) Early; straight sided, round ended and well colored. Moderately resistant to downy mildew and angular leaf spot. Pkt. 15c.; ½oz. 30c.; oz. 50c.; ½lb. $1.25, **postpaid.**

115. Smoothie. (65 days.) All-America award winner for 1957. Vigorous vines produce dark green, cylindrical fruits 8 inches long, slightly tapered at stem end. Recommended for home and market gardens. Pkt. 25c.; ½oz. 40c.; oz. 70c.; ¼lb. $1.80, **postpaid.**

174. Black Beauty Eggplant

CORN SALAD

204. Broadleaf. (50 days.) Broad leaved, large seeded. Pkt. 15c.; oz. 40c.; ¼lb. $1.00, **postpaid.**



284 A. and C. Cucumber

For quantity prices write for market-growers' list

322. Batavian Full-Heart Endive

ENDIVE

One ounce will sow 150 feet of row; 3 pounds, an acre

Endive furnishes vitamins A and C and a fair amount of iron.

CULTURE. As Endive is usually used for fall and winter salads, the seed should be sown in rows during June and July and thinned out to stand 1 foot apart in the row. When nearly grown, tie the outer leaves together to blanch the hearts. For an early crop the seed should be sown about April 15.

322. Batavian Full-Heart. (90 days.) An earlier and improved strain with larger leaves and broader, thicker heads requiring very little blanching. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

302. Green Curled. (95 days.) A self-blanching variety. Curly, dark green leaves which are finely cut give the plant a feathery appearance. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

EGGPLANT

One ounce will produce at least 1000 plants; ¼lb. will sow an acre

CULTURE. Eggplant seed germinates slowly and should be started in a hotbed. Set out the plants when they are 2 inches high, provided both soil and air are warm; they will not stand chilling. Plants should be spaced 1½ to 2 feet apart in row.

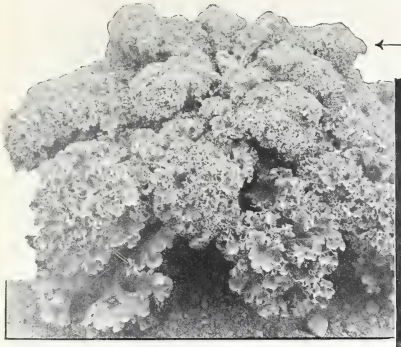
174. Black Beauty. (110 days.) Earliest and best of the large-fruited varieties. The 24 to 30-inch plants bear 4 to 6 perfect fruits of rich dark purple. Their rich color is retained for a long time. Pkt. 15c.; ½oz. 50c.; oz. 85c.; ¼lb. $2.15, **postpaid.**

109. Florida High-Bush. (120 days.) A thornless, hardy variety which is disease-resistant. The oblong purple fruits are good keepers and ship well. Pkt. 15c.; ½oz. 50c.; oz. 85c.; ¼lb. $2.15, **postpaid.**

HANOVER SALAD

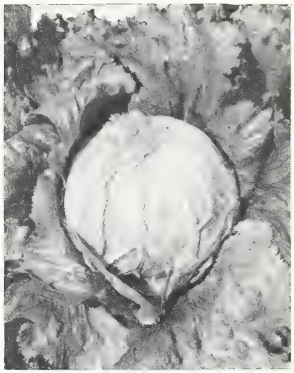
One ounce will sow 200 feet of row; 4 pounds, an acre

137. Early Hanover. (30 days.) This splendid salad, sometimes called Spring Sprouts, is splendid for early greens. Smooth round leaves which when young and tender have a very sweet taste. Matures in about 30 days and is slow in running to seed. May be sown in early spring, also early or late fall as it will stand cold weather. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**



298. Blue Curled Scotch Kale

131. Early White Vienna Kohl-rabi



247. Great Lakes Lettuce

KALE or BORECOLE

One ounce will sow 200 feet of row; 4 pounds, an acre

Kale is a vitamin and mineral special, providing vitamins A, C and B_1, and riboflavin, calcium and iron, the first two vitamins in top quantities.

CULTURE. This hardy vegetable furnishes splendid greens for winter and spring use, the quality being improved by some frost. Sow seed ½ inch deep in rows, from May to September. If large plants are wanted, thin to stand 1½ to 2 feet apart in row.

298. Dwarf Blue Curled Scotch. (55 days.) Beautiful dwarf plants which lie flat on the ground, forming a double-deck; withstands frost and seldom winter-kills where temperatures do not go below zero. The heavily curled leaves are a distinct blue-green color, attractive and of high quality. Pkt. 15c.; oz. 30c.; ¼lb. 70c., **postpaid.**

325. Dwarf Green Curled Scotch or Norfolk. (55 days.) Similar to Dwarf Blue except that this is a medium green color and like Dwarf Blue a heavy producer of beautifully curled leaves. Pkt. 15c.; oz. 30c.; ¼lb. 70c., **postpaid.**

286. Imperial Curly Long Standing. (55 days.) Beautifully curled and crimped sort of strong vigorous habit; perfectly hardy; dark green in color. It will stand longer without shooting to seed than any other variety. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

159. Siberian Curled. (65 days.) Large, very spreading, hardy and vigorous plant. Big plume-like leaves, thick in texture, curled at edges; deep green. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

186. Tall Green Curled Scotch. (60 days.) A dependably hardy Kale growing 2 feet high, with abundant dark green, very curly leaves. Pkt. 15c.; oz. 30c.; ¼lb. 80c., **postpaid.**

LEEK

One ounce will sow 100 to 200 feet of row; 4 pounds, an acre

CULTURE. Leeks prefer light soil and should be sown in early April, in rows, covering the seed ½ inch deep. After the plants are thinned, or transplanted, to stand 6 inches apart in the row, more soil should be pulled over the roots, to blanch them. If earthed up like celery, the Leeks will be very white and tender.

152. Extra Large. (120 days.) Hardy, productive and of the best quality. Pkt. 15c.; ½oz. 45c.; oz. 80c.; ¼lb. $2.00, **postpaid.**

KOHL-RABI

One ounce sows 200 feet of drill; 4 pounds, an acre

CULTURE. Sow as early in spring as possible, in rows, thinning out to stand 6 inches apart in the row. For a succession sow every two weeks until hot weather. Sow in late July for a fall crop. The bulbs should be used when young and not over 2½ inches through; large bulbs will be woody.

131. Early White Vienna. (55 days.) Picked when young and tender and properly prepared for the table, this vegetable is a splendid food with a flavor resembling both cauliflower and turnip. Easy to grow and requiring no more care than cabbage, it is one of those "different" things everyone should try. Pkt. 15c.; ½oz. 35c.; oz. 55c.; ¼lb. $1.35, **postpaid.**

152. Extra Large Leeks

LETTUCE

One ounce will sow 300 feet of row; 3 pounds, an acre

Lettuce is an excellent source of vitamin A and furnishes a goodly quantity of vitamin C.

CULTURE. Sow seed in rows as soon as the ground can be worked. Cover the seed ½ inch deep and press soil down firmly, or it may be sown in a hotbed in February or March, transplanting to a sheltered position for an early crop. Thin plants to 8 inches apart for good head Lettuce or have plants close together for loose-leaf Lettuce. Lettuce does best during cool, moist weather.

Heading Varieties

144. Bibb. (57 days.) A distinct Butterhead, dark green, rather loosely folded, with heart bleaching to rich golden green. Crisp, tender and of fine flavor. Pkt. 15c.; oz. 50c.; ¼lb. $1.25, **postpaid.**

288. Big Boston. (*Special Stock.*) (75 days.) A Butterhead type, succeeding in frames for spring and outdoors for summer and fall. Large heads with outer leaves tinged with bronze at edges and blanched hearts of rich buttery yellow; crisp, tender and sweet. Pkt. 15c.; oz. 30c.; ¼lb. 80c., **postpaid.**

247. Great Lakes. (82 days.) Iceberg type, resistant to tip burn. Outstanding for home gardeners and used extensively in the East by truck gardeners. Pkt. 15c.; ½oz. 50c.; oz. 80c.; ¼lb. $2.00, **postpaid.**

268. Iceberg. (82 days.) A popular hard-headed Lettuce adapted for either spring or summer use. The wavy, light green, outer leaves are tinged reddish brown at edges and the hearts are unusually white, crisp and sweet. Pkt. 15c.; oz. 40c.; ¼lb. $1.00, **postpaid.**

129. Imperial 847. (83 days.) A New York-type Lettuce especially adapted for eastern and southern use. Heads are medium large and of great solidity, standing hot weather well. Resistant to brown blight. Pkt. 15c.; oz. 50c.; ¼lb. $1.25, **postpaid.**

328. Masterpiece. (75 days.) A great Lettuce for late spring, summer, and early fall. No matter how hot the weather or how long it remains in the garden it will keep crisp, tender and sweet and will not go to seed quickly. It is a sure header and stands shipping well. Pkt. 15c.; oz. 50c.; ¼lb. $1.25, **postpaid.**

For quantity prices write for market-growers' list

LETTUCE, continued

Loosehead or Cutting Varieties

244. Salad Bowl. A head fills a salad bowl with a perfect rosette of rich green leaves. Fast grower, slow to bolt to seed. Short, waved, closely set leaves of fine texture; tender and attractive. Fine for home garden and fancy market trade. Pkt. 15c.; ½oz. 55c.; oz. 95c.; ¼lb. $2.35, **postpaid.**

106. Oak Leaf. (40 days.) Forms a tight bunch of medium green leaves which are deeply lobed. The elongated end lobe gives the plant a spiky appearance. Tender and heat resistant; retains its flavor longer than most varieties. Pkt. 15c.; oz. 50c.; ¼lb. $1.25, **postpaid.**

187. Black-seeded Simpson. (45 days.) The frilled and crumpled leaves of light yellowish green are crisp and tender. An attractive early cutting variety. Pkt. 15c.; oz. 30c.; ¼lb. 80c., **postpaid.**

318. Early Curled Simpson or **Silesia.** (45 days.) Compact plants with broad, frilled, lustrous bright green leaves. Popular with home gardeners. Pkt. 15c.; oz. 30c.; ¼lb. 80c., **postpaid.**

195. Grand Rapids. (43 days.) A valuable early variety with broad, wavy, light green leaves. Very tender and sweet. Pkt. 15c.; oz. 30c.; ¼lb. 80c., **postpaid.**

149. Slobolt. Upright clusters of heavily frilled, light green leaves. Very attractive. Stands well without going to seed. Pkt. 15c.; oz. 50c.; ¼lb. $1.25, **postpaid.**

Cos or Romaine Lettuce

240. Dark Green. (66 days.) Compact, 12-inch upright heads which are self-folding and resist heat well. Leaves are very dark and slightly rumpled. Pkt. 15c.; oz. 35c.; ¼lb. 90c., **postpaid.**

184. Paris White or **Trianon.** (66 days.) Heads are 8 to 10 inches tall, the outer leaves medium light green, the interior greenish white. A splendid summer salad having a refreshing sweet flavor. Pkt. 15c.; oz. 35c.; ¼lb. 90c., **postpaid.**

MUSKMELON OR CANTALOUPE

One ounce will plant 50 hills; 2 to 3 pounds, an acre

CULTURE. Melons thrive in rich light soil. Plant in hills 4 to 6 feet each way in early May, placing a forkful of old manure under each hill and 10 to 12 seeds in each hill, thinning out to 3 plants to the hill when the plants are well established. Pinching off ends of vines when they are a foot long will increase production. For an early crop start seeds in small boxes in a hotbed.

Green-fleshed Varieties

210. Honey Dew. (110 days.) Round, greenish white, smooth melons with thick green flesh having a distinct flavor of its own. Not good until dead ripe. Pkt. 15c.; oz. 35c.; ¼lb. 90c., **postpaid.**

295. Long John. (85 days.) This great Cantaloupe comes from Anne Arundel County, Maryland, the home of fine Cantaloupes. The deeply netted and ribbed melons average 8 to 10 inches long so that it does not take many to fill a basket. The thick green flesh is really delicious. Pkt. 15c.; oz. 45c.; ¼lb. $1.10, **postpaid.**

193. Knight or **Sweet Air.** (82 days.) The heavily netted, ribbed fruits of golden yellow weigh about 2 pounds each. Its juicy green flesh shades to pink at center. Vines are free from blight. Pkt. 15c.; oz. 40c.; ¼lb. $1.00, **postpaid.**

198. Rocky Ford or **Netted Gem.** (85 days.) Known everywhere for its finely flavored, deep meaty green flesh. Pkt. 15c.; oz. 35c.; ¼lb. 90c., **postpaid.**

327. Rocky Ford, Jr. (80 days.) Earlier and more productive than its parent, it resists both rust and blight. The healthy vines produce heavy crops of fine shipping melons. Closely netted skin covers thick green, very sweet flesh. Pkt. 15c.; oz. 40c.; ¼lb. $1.00, **postpaid.**

Salmon-fleshed Varieties

277. Hale's Best, No. 36. (82 days.) Attractive melons with heavy netting and inconspicuous ribs. Exceptionally thick, deep salmon flesh of fine sweet flavor. A very small seed cavity. Pkt. 15c.; oz. 35c.; ¼lb. 90c., **postpaid.**

220. Hale's Best Jumbo Strain. (85 days.) Large oval fruits weighing 5 to 6 pounds; ribbing somewhat prominent, heavily netted. Flesh thick, salmon-orange, sweet and of excellent quality. Pkt. 15c.; oz. 35c.; ¼lb. 90c., **postpaid.**

123. Honey Rock. (80 days.) Fruits nearly round, medium size. Skin gray-green with coarse, sparse netting. Flesh thick, juicy, orange-salmon, with very fine flavor. Pkt. 15c.; oz. 40c.; ¼lb. $1.00, **postpaid.**

218. Hearts of Gold. (90 days.) Nearly round fruits averaging 3 pounds each, distinctly ribbed and covered with fine gray netting. The deep salmon flesh is very thick, sweet, juicy and fragrant. Pkt. 15c.; oz. 35c.; ¼lb. 90c., **postpaid.**

162. Pride of Wisconsin. (90 days.) A delicious melon for the home garden and near-by markets. Its oval fruits weigh about 3¾ pounds. The coarsely netted rind is pearly gray. Thick orange flesh, solid and very sweet. Pkt. 15c.; oz. 35c.; ¼lb. 90c., **postpaid.**

127. Pennsweet. (80 days.) Slightly elongated, small, greenish yellow fruits with distinct ridges; netting varies with the season. Weight 1½ to 2 pounds. Very sweet, thick, salmon-orange flesh. Well adapted to home gardens and local markets where the growing season is short. Pkt. 15c.; oz. 45c.; ¼lb. $1.10, **postpaid.**

277. Hale's Best Cantaloupe

WATERMELON

One ounce will plant 30 hills; 4 pounds, an acre

CULTURE. Same as muskmelon except that they should be planted 8 to 10 feet apart each way.

185. Charleston Gray. (90 days.) A long, disease-resistant variety relatively free from hollow heart, white heart and gourd neck. Fruits of fine eating quality, averaging 28 to 35 pounds. Light green rind, thin but very hard. Seeds black. Pkt. 15c.; oz. 50c.; ¼lb. $1.25, **postpaid.**

230. Congo. (90 days.) A Garrison type, resistant to anthracnose. Fruits oblong, with firm rind; dark green faintly striped lighter green. The flesh is bright red, fine grained and high in sugar content. Seeds white with black tips and sides. Pkt. 15c.; oz. 50c.; ¼lb. $1.25, **postpaid.**

263. Dixie Queen. (85 days.) Wilt-resistant. A medium-sized, oval-round melon attractively striped dark green on light green with thin but tough rind. The flesh is sparkling red, firm, juicy and sweet. White seeds. Melons average 30 pounds and ship well. Pkt. 15c.; oz. 40c.; ¼lb. $1.00, **postpaid.**

306. Improved Florida Favorite. (85 days.) Green skin with regular dark green stripes. Bright red flesh of extra sweetness. White seed. A good shipper. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

234. Garrison. (90 days.) White seed. Fruits elongated, light with dark green irregular stripes, weighing as high as 50 pounds. Flesh bright red and very sweet. Pkt. 15c.; oz. 40c.; ¼lb. $1.00, **postpaid.**

320. Tom Watson. (90 days.) The melon of every market and every man's garden. The attractive fruits are long cylinders of dark green with deep red, firm, crisp flesh of good flavor. Brown seed. A splendid keeper. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

285. Stone Mountain. (90 days.) Fruits are oval-round and very large. Thin but tough rind of medium green with indistinct veining. Flesh is rich scarlet, fine-grained and very sweet. Seed white with black edges. On good melon ground they weigh from 30 to 40 pounds each. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

313. Wondermelon or **Kleckley Sweet Improved.** (85 days.) Large, dark green, oblong fruits averaging 30 to 40 pounds. Flesh rich red, of good flavor and medium texture. White seed. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

205. New Hampshire Midget. (65 days.) Icebox type, weighing 2 to 6 pounds. A round melon striped dark green on light green. Rind thin; flesh strawberry-red, of excellent flavor. Very prolific. Small brown seeds. Pkt. 15c.; oz. 35c.; ¼lb. 90c., **postpaid.**

MUSHROOM SPAWN

Mushrooms have been grown with success in cellars, under benches, in barns or wherever a temperature of 50 degrees can be kept up through the winter. Location should not be too damp or subject to sudden changes in temperature. No direct sunlight should fall on the bed. Fresh horse-manure is the best medium for Mushroom culture.

Pure Culture Spawn. This Spawn is grown in bottles, and after maturity, the glass is removed and the cylindrical cakes are dried. Each unit, or cake, will plant 50 square feet of mushroom bed surface. Price per unit, $1.25.

For quantity prices write for market-growers' list

MUSTARD

One ounce will sow 100 feet of row; 3 pounds broadcast, an acre, or 1 to 2 pounds if drilled in rows

Mustard greens are tasty and highly nutritious, being an excellent source of vitamins A and C and supplying both calcium and iron.

CULTURE. Sow in February, March or April for spring use and in August and September for fall use. Sow in rows and thin to stand 6 inches apart. The greens are best if soil is rich and kept well watered.

303. Fordhook Fancy. (40 days.) A vigorous heavy yielder of dark green, plume-like leaves of mild flavor. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

265. Southern Giant Curled Long Standing. (35 days.) A popular Mustard in the South. Plants are strong-growing and produce long, wide, yellowish light green leaves, heavily crumpled and curled at edges. Excellent flavor. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

321. Tendergreen or **Mustard Spinach.** (45 days.) Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

OKRA

One ounce will sow 50 feet of row; 8 pounds, an acre

Okra provides vitamins A and C in helpful quantities and its green pods are popular in the South when used in soups, stews, etc.

CULTURE. Okra seed requires warm ground to germinate and should not be planted before mid-May in this section. Sow 1 inch deep in rows, in rich ground. Thin to stand 15 to 18 inches apart in the row.

293. Clemson Spineless. (54 days.) Straight pods 7 to 9 inches long, dark green, tapered, slightly grooved, entirely spineless. Plants grow 4½ feet tall. Pkt. 15c.; oz. 30c.; ¼lb. 80c., **postpaid.**

314. Dwarf Green Prolific. (50 days.) A very early variety with dwarf, compact plants which are free producers of short, rich green, meaty pods of fine flavor and quality. Pods dry readily for winter use. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

173. Emerald Green Velvet. (55 days.) Plant 4½ to 5 ft. tall, erect and very prolific. Spineless pods 6 to 8 inches long, slender, tapered. Medium green color. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

289. Improved Long Green. (60 days.) Handsome plants of medium height bear long pods which remain tender a long time and are free from hard ridges. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

ONIONS

One ounce will sow 100 feet of row; 5 pounds, an acre

CULTURE. Sow seed thinly in rows one foot apart and about ¼ inch deep in March or early April. If it is desired to grow full-sized onions the first year, thin out when 3 inches high, leaving them 4 inches apart in the row.

206. Early Yellow Grano, Texas Strain. (100 days.) A mild early market Onion, uniform deep globe to top shape. Light yellow skin; pure white flesh, sweet and mild. Resistant to splitting and bolting. Pkt. 15c.; ½oz. 40c.; oz. 65c.; ¼lb. $1.60, **postpaid.**

FOR QUANTITY PRICES WRITE FOR MARKET-GROWERS' LIST

319. Market Gardeners' Best Triple Curled Parsley

224. Prizetaker. (100 days.) A mammoth Yellow Globe derived from the huge Spanish Onion. It can be grown to full size from seed. Mild flavor. Pkt. 15c.; ½oz. 35c.; oz. 60c.; ¼lb. $1.45, **postpaid.**

231. Sweet Spanish or **Valencia.** (110 days.) Similar to Prizetaker, but larger. Globular, with golden yellow skin; flesh white, mild and very sweet. Desirable for shipping and for storage. Pkt. 15c.; ½oz. 35c.; oz. 60c.; ¼lb. $1.45, **postpaid.**

183. White Silverskin. (100 days.) This famous Onion retains its great popularity. Its delicate and mild flavor, its form and size, and its pure color make it a most desirable variety for the table, for the market and for shipping. Onion sets are extensively grown from this sort, and from these sets full-size Onions are grown as early as June and July. The Onion sets and large Onions are used for pickling purposes because of their clean, silvery white color. Pkt. 15c.; ½oz. 35c.; oz. 60c.; ¼lb. $1.45, **postpaid.**

138. Yellow Globe Danvers. (110 days.) An oval-shaped, straw-colored Onion which is a splendid keeper. Flesh white, crisp and mild. Pkt. 15c.; ½oz. 30c.; oz. 50c.; ¼lb. $1.25, **postpaid.**

ONION SETS

Onion Sets by Mail

We will send by mail postpaid either Yellow or White Onion Sets at ½lb. (about 1 pt.) 40c.; 1 lb. (about 1 qt.) 60c., safely packed.

We Supply Onion Sets in Any Quantity up to Carloads.

White Silverskin — **Yellow Danvers**
Yellow Ebenezer — **Golden Globe**

Write for latest prices. Prices subject to market changes.

PARSNIP

One ounce will sow 200 feet of row; 3 to 4 pounds, an acre.

CULTURE. Parsnips prefer a rich deep sandy loam. Avoid stony ground and new manure. Sow as early as possible in rows, covering ½ inch deep, and press soil down firmly. Thin to stand 5 inches apart in row. Leaving the roots in ground over winter improves the flavor.

332. Hollow Crown or **Improved Sugar.** (100 days.) The standard Parsnip everywhere. Long smooth roots with hollow-crowned, broad shoulders make it easy to dig. Flesh is tender and of excellent flavor. Pkt. 15c.; oz. 30c.; ¼lb. 70c., **postpaid.**

PARSLEY

One ounce will sow 200 feet of row; 3 to 4 pounds, an acre.

CULTURE. Parsley needs a mellow, rich soil. The seed is slow to germinate. A good plan is to soak the seed a few hours in warm water and then plant ½ inch deep and thin plants to stand 8 to 10 inches apart. If the leaves of curly varieties are all cut off when they are 3 inches tall, growth will be better. Liberal cutting of Parsley improves quality. For winter use move plants to a coldframe or light cellar, or a supply can be potted in 6-inch flower-pots and grown in a kitchen window.

194. Paramount. (85 days.) A striking variety with uniform triple-curled, rich dark green foliage. Plant 12 inches tall, spreading 20 inches when properly spaced. Pkt. 15c.; oz. 35c.; ¼lb. 90c., **postpaid.**

319. Market Gardeners' Best Triple Curled. (70 days.) Robust, free-growing plants which are improved by severe cutting. The large, dark green leaves are beautifully curled. Plants stand heat and cold better than most varieties. Pkt. 15c.; oz. 30c.; ¼lb. 80c., **postpaid.**

126. Plain or **Single.** (70 days.) The very dark green leaves are flat, deeply cut but not curled and are principally used for flavoring soups and stews, as the flavor is strong. Can be dried and bottled for winter use. Pkt. 15c.; oz. 30c.; ¼lb. 80c., **postpaid.**

PEPPERS

One ounce will produce about 1200 plants.

Peppers furnish both A and C vitamins. They vary in types and uses. Housewives find all types important in adding variety to the diet.

CULTURE. Sow in hotbeds in March or April or outdoors in a sheltered position in May. Transplant to 18 inches apart in rows in mellow, rich ground.

108. Bell or **Bull Nose.** (110 days.) Medium-sized fruit, mild except ribs which are pungent. A dependable early. Pkt. 15c.; ½oz. 45c.; oz. 80c.; ¼lb. $2.00, **postpaid.**

316. California Wonder. (120 days.) An outstanding and handsome sweet Pepper. A vigorous plant bears many blocky fruits with thick, crisp flesh, sweet and spicy but without a bite. Housewives prize this Pepper for stuffing and serving whole; with its four points it will stand upright on the table. Pkt. 15c.; ½oz. 50c.; oz. 85c.; ¼lb. $2.15, **postpaid.**

324. Early Calwonder. (110 days.) An early strain of California Wonder. Fruits are 4 inches long and 3 inches in diameter, three and four lobed; uniform, thick flesh wall, sweet and mild. Turns bright crimson at maturity. Pkt. 15c.; ½oz. 50c.; oz. 85c.; ¼lb. $2.15, **postpaid.**

316. California Wonder Pepper

PEPPERS, continued

258. Chinese Giant. (120 days.) An immense 4 x 4-inch Pepper with four or five irregular points. Fruits are much ribbed and deep green in color, changing to brilliant scarlet. The flesh is mild and sweet. Pkt. 15c.; ½oz. 65c.; oz. $1.10; ¼lb. $2.70, **postpaid.**

253. Long Red Cayenne. (120 days.) A favorite hot Pepper for canning, for mixed pickles and for drying. Plants are large and heavy producers. The tapering fruits are deep green, changing to brilliant red when mature. Pkt. 15c.; ½oz. 50c.; oz. 85c.; ¼lb. $2.15, **postpaid.**

121. Pimiento. (130 days.) Conical fruits, 3½ x 2¼ inches are borne on large erect plants in profusion. Fruits are bright scarlet in color and the thick flesh is tender and sweet. Pkt. 15c.; ½oz. 65c.; oz. $1.10; ¼lb. $2.70, **postpaid.**

191. Red Chili. (135 days.) Requires a long season and plants should be started early in a hotbed. Plants grow only about 18 inches tall but are very productive. Fruits are deep red cones when mature and are exceedingly pungent. Pkt. 15c.; ½oz. 40c.; oz. 70c.; ¼lb. $1.80, **postpaid.**

241. Sweet Banana. (58 days.) Fruit 6½ inches long, 1½ inches in diameter, tapered to point, slightly curved; sweet, medium flesh, light yellow turning to bright red at maturity. Pkt. 15c.; ½oz. 65c.; oz. $1.15; ¼lb. $2.90, **postpaid.**

146. Yolo Wonder. (76 days.) A mosaic-resistant California Wonder type. Blocky fruits with four lobes, large, dark glossy green, with sweet, thick flesh. Pkt. 15c.; ½oz. 60c.; oz. $1.00; ¼lb. $2.50, **postpaid.**

PEAS

One to two pounds will plant 100 feet of row; 120 pounds, an acre.

Peas are not only delicious food but they contain iron and vitamins A, C and B_1. Every garden needs lots of Peas.

CULTURE. Peas mature earliest in light, rich soil. For general crop use a rich, deep loam or one inclining to clay. When grown in garden sow in double rows 6 to 8 inches apart; the rows 2 to 4 feet apart. Commence sowing the extra-early varieties as early as the ground can be worked in February or March; plant for a succession every two weeks until June, then discontinue until the middle of August, when a good crop may be secured by sowing extra-early and early sorts for fall use. They should be kept clean and earthed up twice during the growth. The wrinkled varieties are not as hardy as the small, round sort and if planted early should have a dry soil or they are liable to rot in the ground. They are, however, the sweetest and best-flavored varieties. The dwarf varieties are best suited for small gardens.

Extra-Early Dwarf Varieties

561. American Wonder. *Wrinkled.* (60 days.) The 12-inch vines are very productive. Pods contain 5 to 8 tender sweet Peas. Pkt. 15c.; lb. 65c.; 2 lbs. $1.10; 5 lbs. $2.30, **postpaid.**
Lb. 45c.; 2 lbs. 80c.; 5 lbs. $1.80, **not postpaid.**

554. Early Bird. *Semi-Wrinkled.* (60 days.) Vines 18 inches tall produce large crops. Deep green pods 4 to 5 inches long, well filled with 8 to 10 large, succulent Peas of fine flavor. Excellent home and market-garden variety. Pkt. 15c.; lb. 70c.; 2 lbs. $1.15; 5 lbs. $2.40, **postpaid.**
Lb. 50c.; 2 lbs. 85c.; 5 lbs. $1.90, **not postpaid.**

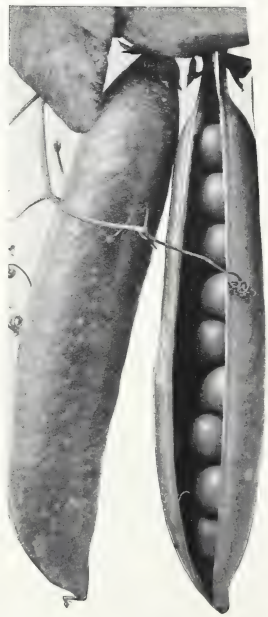
556. Laxtonian. *Wrinkled.* (62 days.) The 18-inch vines have dark green foliage and bear dark green pods about 4 inches long, containing 7 or 8 succulent Peas. Pkt. 15c.; lb. 70c.; 2 lbs. $1.20; 5 lbs. $2.50, **postpaid.**
Lb. 50c.; 2 lbs. 90c.; 5 lbs. $2.00, **not postpaid.**

558. Laxton's Progress. *Wrinkled.* (60 days.) The 18-inch vines are very prolific, bearing large pods containing 7 to 9 large Peas of good quality. Pkt. 15c.; lb. 70c.; 2 lbs. $1.20; 5 lbs. $2.50, **postpaid.**
Lb. 50c.; 2 lbs. 90c.; 5 lbs. $2.00, **not postpaid.**

562. Little Marvel. *Wrinkled.* (62 days.) The stocky, dwarf vines, about 18 inches tall, are generous producers of nearly round, square-end pods holding 7 or 8 large, deep green Peas. Pkt. 15c.; lb. 70c.; 2 lbs. $1.15; 5 lbs. $2.40, **postpaid.**
Lb. 50c.; 2 lbs. 85c.; 5 lbs. $1.90, **not postpaid.**

560. Premium Gem. *Wrinkled.* (62 days.) The 18-inch plants bear plump pods containing 6 or 7 Peas of fine quality. Pkt. 15c.; lb. 65c.; 2 lbs. $1.10; 5 lbs. $2.30, **postpaid.**
Lb. 45c.; 2 lbs. 80c.; 5 lbs. $1.80, **not postpaid.**

559. Wando. *Wrinkled.* (65 days.) Bred for tolerance to heat and cold. Pods 3½ inches long, dark green, slender, straight and blunt. Medium-sized Peas of excellent quality. Fine for canning and freezing. Vines 24 to 28 inches tall. Pkt. 15c.; lb. 70c.; 2 lbs. $1.20; 5 lbs. $2.50, **postpaid.**
Lb. 50c.; 2 lbs. 90c.; 5 lbs. $2.00, **not postpaid.**



554. Early Bird Peas

Extra-Early Tall Varieties

564. Alaska. *Smooth.* (55 days.) The 2½-foot, wilt-resistant plants mature all at once, a heavy crop of dark green pods which contain 6 to 8 Peas of good quality. Pkt. 15c.; lb. 60c.; 2 lbs. $1.00; 5 lbs. $2.00, **postpaid.**
Lb. 40c.; 2 lbs. 70c.; 5 lbs. $1.50, **not postpaid.**

566. Ameer or **Long-podded Alaska.** *Smooth.* (60 days.) Vigorous vines to 3 feet tall bear heavy crops very early. The large pods contain 7 or 8 Peas of fine eating quality. Pkt. 15c.; lb. 70c.; 2 lbs. $1.20; 5 lbs. $2.50, **postpaid.**
Lb. 50c.; 2 lbs. 90c.; 5 lbs. $2.00, **not postpaid.**

573. Freezonian. *Wrinkled.* (60 days.) Wilt-resistant vines 3 feet tall produce a large crop of pods well filled with sweet, tender Peas. For quick freezing as well as canning and fresh use. Pkt. 15c.; lb. 70c.; 2 lbs. $1.20; 5 lbs. $2.50, **postpaid.**
Lb. 50c.; 2 lbs. 90c.; 5 lbs. $2.00, **not postpaid.**

555. Thomas Laxton. *Wrinkled.* (57 days.) Vines 3½ feet tall bear 3½ to 4-inch pods. Large tender Peas of fine flavor. Its extra earliness makes this popular for market and canning. Pkt. 15c.; lb. 70c.; 2 lbs. $1.20; 5 lbs. $2.50, **postpaid.**
Lb. 50c.; 2 lbs. 90c.; 5 lbs. $2.00, **not postpaid.**

General Crop Variety

557. Telephone. *Wrinkled.* (72 days.) About 4 feet tall; 5-inch pods containing 8 to 10 Peas of fine flavor. Pkt. 15c.; lb. 65c.; 2 lbs. $1.10; 5 lbs. $2.30, **postpaid.**
Lb. 45c.; 2 lbs. 80c.; 5 lbs. $1.80, **not postpaid.**

Edible-Podded or Sugar Peas

531. Dwarf Gray Sugar. (75 days.) Grows to height of 2½ to 3 feet; bears a profusion of medium broad pods. Used like Wax Beans. Pods, when cooked, are very sweet and tender. Pkt. 15c.; lb. 70c.; 2 lbs. $1.20; 5 lbs. $2.50, **postpaid.**
Lb. 50c.; 2 lbs. 90c.; 5 lbs. $2.00, **not postpaid.**

Field Peas

Blackeye or California No. 5. Matures green Peas in 60 days, dry Peas in 75 days. Erect bushes, very compact and prolific. Pods 6 to 8 inches long, with large, uniform Peas of fine flavor. Pkt. 15c.; lb. 65c.; 2 lbs. $1.10; 5 lbs. $2.25, **postpaid.**
Lb. 45c.; 2 lbs. 80c.; 5 lbs. $1.75, **not postpaid.**

Dixielee. Bunch to semi-bunch-type plants with a heavy set of 8-inch pods, each containing about 19 Peas. Superb for eating, fresh, canned or frozen. Pods tender and stringless when young. Seed buff to light brown with brown eye. Pkt. 15c.; lb. 70c.; 2 lbs. $1.20; 5 lbs. $2.50, **postpaid.**
Lb. 50c.; 2 lbs. 90c.; 5 lbs. $2.00, **not postpaid.**

PEANUTS

Peanuts grow on any soil, but are more easily harvested on light soils. Plant 35 pounds of shelled nuts or 50 pounds unshelled nuts to acre. Inoculate with Nitragin E. Peanuts require lime, phosphate and potash. Use Gold Tag 3-12-6 Fertilizer, 200 to 400 pounds per acre.

Virginia Jumbo or **Virginia Runner.** The heaviest-yielding large Peanut. A good variety for light sandy soil. Enormous, bright, attractive nuts, with few pops. Lb. 75c., **postpaid.**

For quantity prices write for market-growers' list

305. Sugar or Pie Pumpkin

POTATOES FOR JUNE AND JULY PLANTING

We carry in cold storage all the leading varieties so as to have them in sound, vigorous and unsprouted condition. Write for prices.

POTATOES

Our Seed Potatoes are grown in the cold North in the famous Potato district of Aroostook County, Maine, and are the finest obtainable today. **Bolgiano's** selected Maine Seed assures not only a larger but an earlier crop of Potatoes of the highest quality.

We offer only varieties which have proved most satisfactory in our customers' fields and gardens after exhaustive trials.

Shipments ordered made during severe cold weather travel solely at purchaser's risk.

Chippewa. A U. S. Department of Agriculture origination maturing a few days later than Irish Cobbler. It is disease-resistant a nd a heavier yielder than Cobbler. A smooth Potato with light skin.

Green Mountain. Uniformly shaped, oblong tubers with creamy white skin. Pure white flesh of excellent quality. Free from both blight and rot, it is a good yielder.

Irish Cobbler. This great extra-early Potato is smooth and has creamy white skin and white flesh of top eating quality. A vigorous grower, the tubers ripening uniformly and keeping well.

Katahdin. Handsome, shallow-eyed, white-skinned tubers maturing earlier than Green Mountain. Desirable cooking qualities. Disease-resistant and does best on light soils.

Red Bliss Triumph or **Improved Red Bermuda.** One of the earliest varieties grown. Popular because of its great productiveness, handsome color, and resistance to disease.

Write for Potato Prices

Sweet Potatoes

CULTURE. Don't wait for a rain or a "season" to set out Sweet Potato plants. Harrow your ground well before laying it off, then throw up the ridges higher than you want them, and if the soil is very dry, allow 2 or 3 days for the moisture to rise. Then knock off the top of the ridge just ahead of planting; make a mud batter with water and clay loam, or better, with the addition of fresh cow-dung, about as thick as cream; dip the plants, in hands of about 20, into this, so that mud clings to them.

Plants ready in May and should be planted in May or June.

Porto Rico. A large yielder of deep rich red, sweet, juicy tubers.

Nancy Hall. Well known and popular.

PUMPKIN

Three pounds will plant an acre.

CULTURE. Pumpkins should be planted in hills (4 seeds to a hill) 8 to 10 feet each way. Varieties should be kept separate. They require about the same conditions as cucumbers and melons.

315. Large Yellow Field. (115 days.) For pies, canning or stock-feed. The partly globe-shaped orange fruits weigh 15 to 30 pounds each. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

181. Green Striped Cushaw. (112 days.) A creamy white crookneck Pumpkin striped green, weighing 14 to 16 pounds each. Flesh is light yellow, coarse but sweet. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

308. King of the Mammoths or **Potiron.** (120 days.) Averaging 60 pounds, specimens often weigh over 100 pounds. Although largely used for stock-feed the quality is good and makes a splendid pie. Pkt. 15c.; oz. 30c.; ¼lb. 80c., **postpaid.**

305. Sugar or **New England Pie.** (108 days.) The ideal home Pumpkin weighing 6 to 8 pounds each. The roundish fruits are deep orange with bright orange, thick, sweet, dry flesh of high quality. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

112. Yellow Winter Crookneck. (100 days.) The yellow fruits are about 2 feet long, with curved necks. Flesh is thick and meaty. Pkt. 15c.; oz. 30c.; ¼lb. 65c., **postpaid.**

RAPE

575. Dwarf Essex. A hardy, quick-growing, smooth-leaved variety. While young it is very sweet and growth is so rapid that leaves may be cut in three weeks from seeding. Sow in succession from early spring through the fall. Oz. 10c.; ¼lb. 20c.; lb. 55c., **postpaid.**

RADISHES

One ounce will plant 100 feet of row; 8 to 12 pounds, an acre.

CULTURE. Radishes require light rich soil and must have plenty of moisture to be crisp and tender. Plant as early as ground is workable, sowing thinly in rows or broadcast in borders; repeat every two weeks for succession. Sow seed for Winter Radishes in late July and August. These should be dug before frost and stored in a cellar.

Early Varieties

124. Champion. (24 days.) The brightest cherry-red Radish. Pull it small or let it grow as big as a silver dollar and it will still be crisp and solid. True ball shape with thin tap-root. Good-sized top makes it a good buncher. Recommended for home and market gardens. Pkt. 25c.; oz. 50c.; ¼lb. $1.25; lb. $3.00, **postpaid.**

158. Cherry Belle. (24 days.) This Radish has a short top and short tap-root. Solid, crisp and especially good for forcing. Round, and red as a cherry. Pkt 10c.; oz. 20c.; ¼lb. 45c.; lb. $1.25, **postpaid.**

172. Crimson Giant. (28 days.) The large roots are globes to 1½ inches, deep crimson in color, and the firm white flesh is of superior quality. Pkt. 10c.; oz. 15c.; ¼lb. 40c.; lb. $1.15, **postpaid.**

287. Early Scarlet Globe. (24 days.) A handsome small oval Radish of brilliant scarlet. It has a small top and forces perfectly without becoming pithy or spongy. The flesh is tender, juicy, and mild. Equally good for garden or forcing. Pkt. 10c.; oz. 15c.; ¼lb. 40c.; lb. $1.15, **postpaid.**

287. Early Scarlet Globe Radishes

141. Improved Long Scarlet Short-Tip. (26 days.) For earliness, brilliance of scarlet color and shortness of top this is unsurpassed. Flesh is white and crisp. Pkt. 10c.; oz. 20c.; ¼lb. 45c.; lb. $1.25, **postpaid.**

237. Scarlet Turnip White-Tip. (25 days.) Nearly round carmine-red roots have a small white tip. Flesh white, crisp, and mild. Pkt. 10c.; oz. 15c.; ¼lb. 40c.; lb. $1.15, **postpaid.**

278. White Icicle. (27 days.) Transparent white roots, 5 inches or longer, with brittle flesh of mild, inviting flavor. Remains in good condition a long time after it is ready to pull. Pkt. 10c.; oz. 15c.; ¼lb. 40c.; lb. $1.15, **postpaid.**

Winter Varieties

157. China Rose or **Scarlet China.** (52 days.) Roots are 4 to 6 inches long and 2 inches through, bright rose-red in color. The firm white flesh is pleasingly pungent. Pkt. 10c.; oz. 20c.; ¼lb. 55c.; lb. $1.50, **postpaid.**

190. Long Black Spanish. (58 days.) Cylindrical, somewhat roughened, black-skinned roots with solid, white, pungent flesh. A fine keeper. Pkt. 10c.; oz. 20c.; ¼lb. 55c.; lb. $1.50, **postpaid.**

163. White Chinese or **Celestial.** (60 days.) The mildest winter Radish. White roots can be used when only 3 inches long but are good up to 6 inches, at which size they should be stored. Flesh is white, crisp and quite mild. Pkt. 10c.; oz. 20c.; ¼lb. 55c.; lb. $1.50, **postpaid.**

RHUBARB

One ounce will produce 500 plants.

CULTURE. Sow seed 1 inch deep in rows and thin to stand 6 inches apart. By fall, plants should be moved to their permanent location, in heavily manured ground, and spaced 3 to 4 feet apart. A heavy manure mulch around the crowns each winter will furnish extra-quality stalks.

203. Victoria. A vigorous variety with upstanding thick red stalks of excellent quality. Pkt. 15c.; oz. 45c.; ¼lb. $1.10, **postpaid.**
Roots, doz. $3.25, **postpaid.**

SORREL

214. Narrow Leaved. (70 days.) Sour but edible leaves used as a salad or to flavor other salads. Pkt. 15c.; oz. 55c.; ¼lb. $1.35; lb. $3.75, **postpaid.**

SALSIFY or OYSTER PLANT

One ounce will sow 50 feet of row; 8 to 10 pounds, an acre.

CULTURE. Does best in a light, rich, mellow soil and requires about same treatment as parsnips; can be left in ground all winter. Sow 1 inch deep in rows early in spring. Thin to stand 6 inches apart.

Salsify is a delicious vegetable and really has an oyster flavor.

330. Sandwich Island Mammoth. (120 days.) Roots 8 to 9 inches long and 1½ to 2 inches in diameter. Flesh is almost white and the oyster flavor is excellent. Pkt. 15c.; oz. 60c.; ¼lb. $1.45, **postpaid.**

SPINACH

One ounce will sow 100 feet of row; 15 pounds, an acre.

Spinach is an excellent source of supply for vitamins A and C and for iron. An important vegetable for everyone's diet.

CULTURE. Use well-manured ground, and sow in rows, covering 1 inch deep, later thinning to 5 inches apart. Sow every two weeks from early spring until hot weather. Sow again in September for a fall crop.

574. Selected Bloomsdale Savoy. (40 days.) A first-early vigorous variety producing fast-growing plants which are hardy and attractive. Leaves are dark glossy green in color and are heavily savoyed. Pkt. 10c.; oz. 15c.; ¼lb. 35c.; lb. 90c., **postpaid.**

576. Long-standing Bloomsdale Savoy. (45 days.) Remains in cutting condition long after earlier types have gone to seed. Highly crumpled and blistered dark green leaves. Pkt. 10c.; oz. 15c.; ¼lb. 35c.; lb. 90c., **postpaid.**

335. New Zealand (*Tetragonia expansa*). (55 days.) The thick dark green foliage can be picked repeatedly throughout the summer and fall and cooked like Spinach. Seeds are hard and should be soaked for some time in warm water and planted in warm soil. Thrives in hot weather. Pkt. 10c.; oz. 20c.; ¼lb. 45c.; lb. $1.25, **postpaid.**

567. Old Dominion, Blight Resistant. (40 days.) Produces heavily savoyed, dark green leaves. Withstands bolting longer than other resistant varieties. Pkt. 10c.; oz. 15c.; ¼lb. 35c.; lb. 90c., **postpaid.**

SQUASH

SUMMER SQUASH. **One ounce will plant 25 hills; 3 to 4 pounds, an acre.**

WINTER SQUASH. **One ounce will plant 15 hills; 3 pounds, an acre.**

Winter Squash are an excellent source of Vitamin A, while Summer Squash provide both A and C.

CULTURE. Plant in hills like cucumbers and melons, the bush varieties 3 to 4 feet apart and the running kinds 6 to 9 feet.

Summer Varieties

236. Black Zucchini. (62 days.) Developed from Italian Marrow. Fruits cylindrical, long, smooth, green-black, weighing 5 to 6 pounds; flesh greenish white at eating stage, excellent flavor. Pkt. 15c.; oz. 30c.; ¼lb. 60c., **postpaid.**

176. Caserta. (60 days.) A bush summer variety similar to Cocozelle but earlier. More prolific, with tender skin and much lighter color; stripes medium and light green. Pkt. 15c.; oz. 30c.; ¼lb. 70c., **postpaid.**

Gold Tag Fertilizers for golden harvests. See page 66.

333. Cocozelle or **Italian Vegetable Marrow.** (65 days.) Large, oblong, dark green fruits becoming marbled with yellow when mature. Fine-grained flesh of excellent flavor. Pkt. 15c.; oz. 30c.; ¼lb. 60c., **postpaid.**

334. Early Prolific Straightneck. (50 days.) An attractive, productive strain of Giant Straightneck. Though the fruits are somewhat smaller, they are earlier and of bright lemon color. Pkt. 15c.; oz. 30c.; ¼lb. 60c., **postpaid.**

111. Early White Bush Scallop or **Patty Pan.** (52 days.) This old favorite for home and market gardens is shaped somewhat like a pie with scalloped edges. Pkt. 15c.; oz. 30c.; ¼lb. 60c., **postpaid.**

304. Early Yellow Summer Crookneck. (52 days.) The earliest Crookneck. Warted yellow skin. Flesh of splendid quality. Pkt. 15c.; oz. 30c.; ¼lb. 60c., **postpaid.**

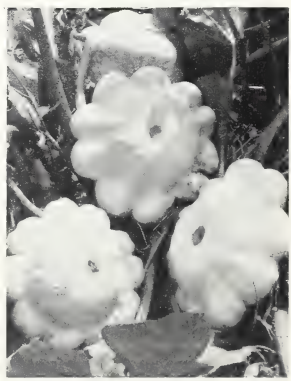
262. Farr's Benning White Bush. (50 days.) The color is a beautiful green tinted white. The flavor is delicious; it has a few small seeds and is an excellent cooker. Pkt. 15c.; oz. 30c.; ¼lb. 60c., **postpaid.**

Winter Varieties

311. Acorn or **Table Queen.** (60 days.) In size the Acorn Squash equals a fair-sized husked coconut, and a half, when baked, serves one person amply. The shell is unusually thin and does not require over twenty minutes for baking or boiling. It retains its dark green color after picking and storing. The meat is dry and mealy. It yields enormously. Pkt. 15c.; oz. 30c.; ¼lb. 60c., **postpaid.**

221. Butternut. (90 days.) A Winter Squash of excellent quality. Fruits bottle shaped, 10 to 12 inches long, 4 to 5 inches at greatest diameter. Thick, meaty neck and very small seed cavity at bulbous end. Shell pale orange with rich yellow meat. Pkt. 15c.; oz. 30c.; ¼lb. 80c., **postpaid.**

312. Hubbard. (105 days.) The leading Winter Squash for years. It has a green, warted exterior and fine-grained, orange-yellow flesh which is dry, sweet and richly flavored. It bakes very dry. Our stock of Hubbard is the very best. Pkt. 15c.; oz. 30c.; ¼lb. 70c., **postpaid.**



262. Farr's Benning White Bush Squash

TOBACCO

CULTURE. One ounce of Tobacco produces at least 10,000 plants if sown properly. It is advisable to sow as early as possible, the usual custom being to make a large fire over the place intended for the seed-bed, in order to destroy weed seeds. The ground is put in the finest possible condition, the seed sown broadcast on the surface and pressed down firmly with a plank or the back of a spade, after which the bed must be protected by cotton or covering. When seedlings get 5 to 6 inches high they are transplanted in rows 4 feet apart, with 3 feet between the plants. Cultivate thoroughly.

147. Maryland Medium Broad-leaf. Medium thick, broad leaves which produce a high percentage of bright Tobacco when cured. Pkt. 15c.; oz. 90c.; ¼lb. $3.00, **postpaid.**

TOMATO

One ounce will produce 1500 plants; 6 ounces will plant an acre.

Tomatoes are reliable providers of vitamins A and C and every garden requires a lot of them to supply the family's needs the year round.

CULTURE. Seed should be started in a hotbed in March, transplanted to a coldframe, and finally to open ground in May. The soil should be rich and in full sun but protected from wind. In the home garden the plants should be supported on stakes or wires. Days quoted are from the setting of the plants.

Red Varieties

223. Red Beefsteak. (80 days.) A large Tomato for home and market use. Plants are heavy and of open habit. The scarlet-red, solid fruits have deep scarlet flesh with a rich subacid flavor. A meaty Tomato growing rapidly in popularity. Pkt. 15c.; ½oz. 85c.; oz. $1.45; ¼lb. $3.60, **postpaid.**

269. Bonny Best. (73 days.) A standard variety for market gardeners, shippers and canners. Plants of average size produce bright scarlet, smooth fruits of medium size and excellent quality. Pkt. 15c.; ½oz. 45c.; oz. 70c.; ¼lb. $1.80, **postpaid.**

134. Break o'Day. (70 days.) Wilt-resistant. The spreading plants bear early and prolifically. Fruits are medium-sized, smooth globes of orange-red, deliciously sweet. Pkt. 15c.; ½oz. 50c.; oz. 85c.; ¼lb. $2.15, **postpaid.**

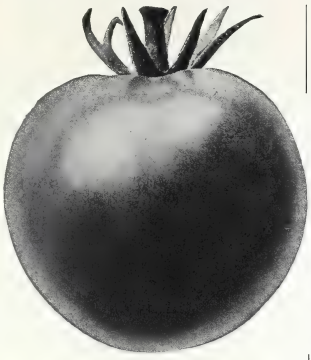
113. Chesapeake. (93 days.) Wilt-resistant, heavy yielding plants bear fruits that are uniform—ripening, well colored and notably crack resistant; slightly larger and firmer than Rutgers. Recommended for canning and late Market. Pkt. 15c.; ½oz. 85c.; oz. $1.45; ¼lb. $3.60, **postpaid.**

331. Marglobe, Certified. (77 days.) A second-early Tomato with strong, healthy plants. Globular red fruits with meaty flesh of delicious flavor, free from acid. A good shipper and should be in every home garden. Pkt. 15c.; ½oz. 55c.; oz. 95c.; ¼lb. $2.35, **postpaid.**

242. Pan America. (70 days.) Highly resistant to fusarium wilt. Fruit is bright scarlet inside and out, and weighs about 7 ounces. Pkt. 15c.; ½oz. 50c.; oz. 90c.; ¼lb. $2.25, **postpaid.**

160. Pritchard. (76 days.) Self-topping, with erect vines producing medium-sized, scarlet fruits with thick walls and solid flesh of mild flavor. Pkt. 15c.; ½oz. 55c.; oz. 95c.; ¼lb. $2.35, **postpaid.**

For quantity prices write for market-growers' list



291. Rutgers Tomato

TOMATO, Red Varieties, continued

182. Red Cherry. (72 days.) Little cherry-like, scarlet-red fruits for preserving. Pkt. 15c.; ½oz. 85c.; oz. $1.45; ¼lb. $3.60, **postpaid.**

291. Rutgers, Certified. (77 days.) Fruits are medium to large, globe-shaped. Flesh very firm and red. Especially desirable for canning and juice. Vigorous and more disease resistant than some. Pkt. 15c.; ½oz. 45c.; oz. 80c.; ¼lb. $2.00, **postpaid.**

114. San Marzano (Red). (73 days.) Small-fruited Italian type for making Tomato paste. Fruit oblong to thick neck, pear shape, stemless, deep scarlet-red, mild flavored. Has two cells, with very little juice. Pkt. 25c.; ½oz. $1.30; oz. $2.15; ¼lb. $5.40, **postpaid.**

Yellow Varieties

249. Sunray. (80 days.) Fruits are large, bright golden orange, globular, thick-walled, with few seeds. Very attractive when sliced. Highly resistant to fusarium wilt. Pkt. 25c.; ½oz. 85c.; oz. $1.45; ¼lb. $3.60, **postpaid.**

154. Pear-shaped. (70 days.) A bright yellow pear-shaped Tomato for preserves. Pkt. 15c.; ½oz. 85c.; oz. $1.45; ¼lb. $3.60, **postpaid.**

196. Plum-shaped. (70 days.) Oval, yellow. A preserve variety. Pkt. 15c.; ½oz. 85c.; oz. $1.45; ¼lb. $3.60, **postpaid.**

Hybrid Varieties

207. Sensation. (75 days.) Fruits smooth, medium size, full flavored, deep red, meaty with small seed cells. Strong vines tend to hold fruits from touching soil. Highly resistant to many of the common Tomato diseases. Pkt. (30 seeds) 35c.; 3 pkts. $1.00; ½oz. $4.50; ¼oz. $7.50; ½oz. $12.50; oz. $22.50, **postpaid.**

143. Burpee's Big Boy. ® (78 days.) Fruits smooth, deep globe shape; firm, scarlet-red skin. Thick wall with bright red, meaty flesh of fine flavor. Pkt. (30 seeds) 50c.; 3 pkts. $1.35; ½oz. $7.50, **postpaid.**

® "Reg. T. M. of W. Atlee Burpee Co."

Acme Tomato Dust controls blights and worms. See page 60

Pink Varieties

227. Oxheart. (100 days.) Rosy pink heart-shaped fruits up to 2 pounds each. Very solid; few seeds; mildly acid. Pkt. 25c.; ½oz. $1.30; oz. $2.15; ¼lb. $5.40, **postpaid.**

326. Ponderosa. (90 days.) The largest of all. Few seeds and sweet, mild flesh. Often called "Beefsteak" Tomato. Pkt. 15c.; ½oz. 85c.; oz. $1.45; ¼lb. $3.60, **postpaid.**

TURNIPS

One ounce will sow 100 feet of row; 2 pounds, an acre.

Turnip roots provide vitamin C but Turnip tops not only supply vitamins A and C but contain calcium and iron. Never discard Turnip tops. Used as fresh greens they are palatable and highly nutritious.

CULTURE. They do best in highly enriched, light, sandy or gravelly soils. Commence sowing the earliest varieties in April in drills from 12 to 15 inches apart, and thin out early to 6 to 9 inches in rows. For a succession sow at intervals of a fortnight until the last week in July; from then until the end of August sowing may be made for the fall and main crop.

323. Yellow Globe. (75 days.) Yellow-fleshed; fine-grained, tender and sweet; top bronzy green. Roots best for table use when 3 to 4 inches in diameter. Pkt. 10c.; oz. 15c.; ¼lb. 35c.; lb. $1.00, **postpaid.**

139. Early Red or **Purple-Top Strap-Leaf.** (46 days.) A medium-early Turnip. Flat roots, purple-red above, white below. Flesh white and fine-grained. Pkt. 10c.; oz. 15c.; ¼lb. 35c.; lb. $1.00, **postpaid.**

226. Extra-Early Milan Purple-Top. (40 days.) Small flat white roots with very small purplish tops. Flesh white, sweet and tender. Pkt. 10c.; oz. 20c.; ¼lb. 55c.; lb. $1.50, **postpaid.**

232. Pomeranian Globe or **White Globe-Norfolk.** (75 days.) A Southern favorite. Large tops with globular white roots. Pkt. 10c.; oz. 15c.; ¼lb. 35c.; lb. $1.00, **postpaid.**

273. Purple-Top White Globe. (55 days.) The most popular Turnip for home and market gardens. Dark green, erect tops and large smooth globes, purple-red above, white below. Pkt. 10c.; oz. 15c.; ¼lb. 35c.; lb. $1.00, **postpaid.**

307. Seven-Top. (50 days.) Grown for greens and forage. Tops are tender but roots are unsuitable for food. Pkt. 10c.; oz. 15c.; ¼lb. 35c.; lb. $1.00, **postpaid.**

273. Purple-Top White Globe Turnip

RUTABAGA Swede Turnip

329. Long Island Special. (90 days.) The large roots have very sweet golden flesh which is neither stringy nor tough. A splendid winter Turnip which keeps solid and crisp until spring. Pkt. 10c.; oz. 15c.; ¼lb. 35c.; lb. $1.00, **postpaid.**

219. American Purple-Top. (85 days.) Roots large, spherical; deep purplish red above ground, light yellow below. Flesh yellow, firm and crisp. Pkt. 10c.; oz. 15c.; ¼lb. 35c.; lb. $1.00, **postpaid.**

HERBS

Every year more housewives are turning to old-time Herbs for flavor in preparing food, fragrance in the living-rooms and simple remedies for the medicine closet. Our ancestors depended greatly on garden Herbs for their well-being. They are easy to grow in common garden soil and require very little care. Some may be potted and grown indoors in the winter.

Annuals are marked (A); Perennials (P); and Biennials (B)

254. Anise. (A) Leaves used for garnishing and flavor. Seeds for flavoring bread, cake, etc. Sow where plants are to grow. 14 in. Pkt. 25c.; ½oz. 60c.; oz. $1.10, **postpaid.**

250. Basil, Sweet. (A) Foliage provides a spicy flavoring for salads, soups, stews, etc. Pkt. 25c.; ½oz. 65c.; oz. $1.20, **postpaid.**

259. Caraway. (B) Seeds are used for flavoring bread, cake, etc. 1 to 2 ft. Pkt. 20c.; ½oz. 50c.; oz. 95c., **postpaid.**

225. Catnip. (P) Leaves have medicinal value and are sometimes used for seasoning. 1 ft. Pkt. 20c.; ½oz. 75c.; oz. $1.35, **postpaid.**

202. Chives. (P) Tops used to give a mild onion flavor to many dishes. 1 ft. Pkt. 25c.; ½oz. 60c.; oz. $1.15, **postpaid.**

201. Coriander. (A) Seed used in candy and for flavoring. 2½ ft. Pkt. 15c.; ½oz. 50c.; oz. 95c., **postpaid.**

177. Dill. (A) Both leaves and seeds are used to flavor pickles. 2 to 3 ft. Pkt. 15c.; oz. 35c.; ¼lb. 95c., **postpaid.**

169. Fennel, Florence. (A) The tender stems are eaten like celery. 2½ ft. Pkt. 20c.; ½oz. 50c.; oz. 95c., **postpaid.**

132. Fennel, Sweet. (P) Stems and leaves have a licorice-like flavor and are used in soups, stews, etc. Seeds flavor candy and medicines. 2 to 4 ft. Pkt. 20c.; ½oz. 50c.; oz. 95c., **postpaid.**

116. Horehound. (P) Leaves are used in making cough syrups and lozenges and for flavoring candy. Pkt. 25c.; ½oz. 65c.; oz. $1.15, **postpaid.**

103. Lavender. (P) Flowers, leaves and stems provide a perfume loved by everyone. 1 to 2 ft. Pkt. 25c.; ½oz. $1.65; oz. $2.85, **postpaid.**

171. Rosemary. (P) Fragrant leaves used for sachets and pot-pourris, also to flavor meats. Pkt. 25c.; ½oz. $1.20; oz. $2.25, **postpaid.**

100. Sage. (P) Leaves furnish flavoring and seasoning especially for poultry and meats. 15 to 18 in. Pkt. 25c.; oz. $1.40; ¼lb. $3.50, **postpaid.**

101. Summer Savory. (A) A flavoring for salads and various meat dishes. 10 in. Pkt. 25c.; ½oz. 65c.; oz. $1.15, **postpaid.**

166. Sweet Marjoram. (P) The tender tops and leaves are used for flavoring; leaves are also dried for winter use. 2 ft. Pkt. 20c.; ½oz. $1.00; oz. $1.90, **postpaid.**

136. Thyme. (P) Used for seasoning and old-time home remedies. Leaves should be dried for winter use. 10 in Pkt. 25c.; ½oz. 95c.; oz. $1.80, **postpaid.**

BOLGIANO'S *"Capitol Brand"* Corn, Clover, Hay and Pasture Grasses

——WRITE FOR PRICES——

CLOVERS

Alfalfa (*Medicago sativa*). A perennial legume thriving best on well-drained, heavily limed soils. Being a heavy feeder, Alfalfa requires an abundance of available plant-food, particularly phosphoric acid. Varieties most used in Washington area are Oklahoma approved, Kansas Common, Buffalo and Williamsburg.

Alsike or Hybrid Clover (*Trifolium hybridum*). The hardiest of Clovers. Prefers a rather heavy silt or clay soil with plenty of moisture.

Crimson or Scarlet Clover (*Trifolium incarnatum*). A winter annual. Improves poor soils and furnishes forage when pastures are resting. Sow in spring, summer and fall. Reseeding types also available.

Ladino Clover (*Trifolium repens latum*). This perennial is known as the Giant White Clover. A low-growing, leafy plant with succulent and somewhat coarse stems. Under proper moisture conditions, these stems will take root at the joints, and in this manner thicken up the stand.

Medium Red or June Clover (*Trifolium pratense*). Does best on rich, well-drained soil containing an abundance of lime. Makes two crops of hay a year and may be sown in spring or fall.

Kenland Red Clover. A superior, longer-lived strain of Red Clover adapted to areas where anthracnose diseases are prevalent.

Mammoth or Sapling (*Trifolium pratense perenne*). Larger, coarser and about two weeks later in maturing than Medium Red Clover. Only one crop can be harvested each season.

White Dutch Clover (*Trifolium repens*). Usually included in lawn grass mixtures; also valuable in permanent pastures. Sow in spring.

New Zealand Certified Permanent Pasture White Clover. Differs from cultivated White Dutch Clover in that it has smaller leaves, stems and flower head. Also spreads by surface runners.

White Sweet Clover (*Melilotus alba*). Grows 3 to 5 feet tall and is valuable for soiling; ensilage and bees. Lasts for years if cut before flowering and on rich soil will produce three crops a year.

Birdsfoot Trefoil (*Lotus corniculatus*). Valuable plant for hay and for use in permanent pasture mixtures. Stays green and produces excellent feed during hot summer months.

Korean Lespedeza

The most popular of the Lespedeza family, growing about 1½ feet tall. Grows readily in acid soil and reseeds itself. Drought-resistant; ready to cut in August. Sow February 1 to the last of May.

Sericea Lespedeza

A perennial for poor soil; withstands droughts and gives two or more cuttings per season after the first year. Cut when a foot high.

Inoculate all Legume Seed (Alfalfa, Clovers and Lespedeza) with Nitragin and insure a good stand. **See page 52.**

HAY and PASTURE MIXTURES

Kentucky Blue Grass (Poa pratensis)

Although it does well on most any good soil, Blue Grass requires about two years to become established and is therefore often sown with other grasses. Sow in spring or fall.

Tall Fescues

Alta Fescue. A deep-rooted, long-lived perennial grass with many shiny, dark green leaves coming from the crown of the plant. It makes a very close turf if conditions are favorable.

Kentucky 31 Fescue. Same characteristics as Alta except that it is more drought resistant.

Orchard Grass (Dactylis glomerata)

An early bunch grass which stays green in spite of heat and drought. Lasts for years.

Domestic Rye Grass (Lolium multiflorum)

An annual all-purpose grass used in lawn mixtures and for hay and pasture.

Perennial Rye Grass (Lolium perenne)

A splendid permanent pasture grass doing best on moderately moist soils.

Red Top or Herd's Grass (Agrostis alba)

Used in most lawn mixtures and a good pasture grass. Does well in low, wet meadows. Sow in spring or fall.

Timothy (Phleum pratense)

This important hay and pasture grass should be sown at the rate of 12 pounds per acre in spring or fall. One popular mixture uses 10 pounds Timothy and 6 pounds Clover; another has 8 pounds Timothy, 6 pounds Clover (Alsike or Mammoth), 6 pounds Red Top and 10 pounds Alta Fescue to the acre.

Bolgiano's Permanent Pasture Mixture

These mixtures are composed of only the best germinating seeds and are sure to give satisfaction.

For Uplands: A special mixture of the best grasses and clovers for establishing a permanent pasture.

For Lowlands: A mixture of grasses and clovers adapted for moist or slightly sour lowlands.

Dwarf Essex Rape

An annual resembling kale which furnishes good pasture for poultry and livestock within six weeks after sowing.

Golden Millet

Makes an enormous yield of hay which should be cut just as the heads begin to form. Sow from May through July.

Hairy Vetch (Vicia villosa)

Valuable as a winter cover crop to prevent leaching and to turn in for fertilizer. It is also a good forage plant.

Sudan Grass (Holcus sudanensis)

Similar to Timothy in food value, this provides an easily cured hay forage crop. Must be cut before frost. Sow in late spring. Often sown with Soy Beans—20 pounds Sudan Grass and one bushel Soy Beans to the acre.

For other grasses refer to page 1

Open Pollinated FIELD CORN *Hybrids*

Reid's Yellow Dent. (100 days.) The 10-inch yellow ears have small red cobs covered with 18 to 20 rows of deep grains. Grows better than 8 feet tall. A consistent prize-winner at shows.

Hickory King. (115 days.) Grows over 8 feet tall, with a splendid root-growth. Ears contain 8 rows of large broad kernels; small cob. A great white Corn especially recommended on poor soil. Popular for roasting ears and early feed in the South.

Boone County. (110 days.) A pure white Corn on a white cob. There are generally 20 or more rows of deep kernels on the heavy 10 to 11-inch ears. Boone County is a heavy yielder of extra-quality Corn.

Eureka Ensilage. (115 days.) Many years of watching and selecting seed has developed this best of all silo Corn until the rapid-growing plants now reach a height of 15 feet with a large amount of fodder and 3 or 4 long ears to the stalk.

Yellow Dent Hybrid U. S. 13. (110 days.) The most popular certified yellow hybrid in the Middle Atlantic section because it meets the requirements of so many farmers. Large show-type ears, 11 inches long, with 16 rows of deep kernels. Loose shuck; ideal picker type. Deep-rooting plants that yield well in a wide variety of soils.

V.P.I. 645. (118 days.) This certified yellow hybrid is a little later than U. S. 13 in maturity. Ears are medium long, with smooth, dented kernels. It is quite resistant to stalk rot. Quality of grain is excellent and yields are high.

V125W. White Dent. (115 to 120 days.) This is one of the most popular white varieties. High-yielding, vigorous, low, sturdy stalks produce big, pure white, low-placed ears. Well protected and easy to husk. Good grain quality and easy to handle mechanically.

Soy Beans

Oats

Golden Millet

"Capitol Brand" SOY BEANS, COWPEAS, and SMALL GRAINS

SOY BEANS

A valuable Bean which can be grown for the Beans or used for hay, silage or green manure. Sow from May to July.

Mammoth Yellow. (145 days.) The largest-growing variety for forage purposes.

Wilson Early Black. (120 days.) A small-seeded variety popular in the mountains and the North.

BLACK-EYED PEAS

Erect vines yielding large quantities of edible Peas.

CANADA FIELD PEAS

Second only to clover in their soil-enriching properties and can be grown almost anywhere. The vines make nutritious hay and the ground Peas are valuable stock-feed.

COWPEAS

An inexpensive soil-improver yielding heavy crops of nutritious stock-feed.

Mixed Cowpeas. The upright growers hold up the vining types giving more satisfactory results.

BARLEY

Wong Barley. Prolific. More rust resistant than some varieties.

BUCKWHEAT

Makes a fine quality of flour. Also used for poultry feed. It resists drought and blight very well.

WHITE KAFFIR CORN

A nutritious food for stock and poultry. Generally sown with cowpeas broadcast at the rate of 1 peck of Kaffir Corn to a bushel of Cowpeas per acre.

OATS

White Spring. Produces a bumper crop of hay or grain.

Winter or **Turf.** Sown in September or October it is excellent for winter grazing. Produces a large crop of heavy grain.

RYE

Abruzzi. Ready for grazing ten days earlier than other varieties, also produces more grain and straw.

Rosen. A Russian Rye used largely for turning under.

SORGHUM

Sorghum furnishes a large yield of most nutritious forage, which can be fed either green or cured, and will yield 2 or 3 cuttings a year, stooling out thicker each time it is cut. It grows 10 to 12 feet high. Sow broadcast for forage.

WHEAT

Thorne. Beardless tall stiff straw. Produces large heads filled with plump grain.

BROOM CORN

Improved Evergreen. A tall variety yielding a long, heavy brush. Appearing green when ripe it commands highest market price. Sow 5 pounds per acre in drills 3 feet apart and thin out to 3 inches.

QUANTITIES OF SEEDS REQUIRED PER ACRE

The figures given in the first column are those recommended for use in this section.

	Pounds Per Acre	Pounds Per Bu.
Alfalfa—drilled	15–25	60
Alfalfa—broadcast	20–30	60
Alsike—alone	6–10	60
Alsike—on small grain	2– 4	60
Barley	72–96	48
Bent Grass—lawns	* 3	
Bermuda Grass—lawns	* 4– 5	35
Bermuda Grass—pastures	5–10	35
Blue Grass, Canada	15–25	14
Blue Grass, Kentucky	15–25	14
Blue Grass, Kentucky—lawns	* 5	14
Brome Grass	15–20	14
Buckwheat	36–60	48
Clover, Crimson or Scarlet	12–18	60
Clover, Ladino	1– 3	60
Clover, Red (Medium)—alone	12–15	60
Clover, Red (Medium)—on small grain	8–10	60
Clover, Sapling or Mammoth	12–15	60
Clover, Sweet—hulled	15–25	60
Clover, Sweet—unhulled	25–50	30
Clover, White (Dutch)—lawns	* 2– 4	60
Clover, Wild White	2	60

* Pounds per 1000 square feet.

	Pounds Per Acre	Pounds Per Bu.
Corn	7–10	56
Corn—for silage	20–30	56
Cow Peas—drilled	45–60	60
Cowpeas—broadcast	60–90	60
Fescue, Alta or Ky. 31	20–30	24
Fescue, Chewing's—lawns	* 5	24
Fescue, Meadow	20–30	24
Fescue, Red—lawns	* 5	24
Grass, Bent—lawns	* 3	
Grass, Orchard	21–28	14
Grass, Rough Stalk Meadow	* 5	
Grass, Sudan	25–35	35
Lawn Mixtures	* 5– 7	
Lespedeza, Korean	25–30	25
Lespedeza, Sericea (hulled)	12–15	60
Lespedeza, Sericea (unhulled)	25–30	25
Millet, German or Golden	25–35	50
Millet, Japanese	15–25	35
Millet, Tenn. Cultivated	25–50	50
Oats	64–96	32
Orchard Grass	21–28	14
Pasture Mixtures	25–40	
Peas, Austrian Winter	40–60	60
Peas, Canada Field—broadcast	90–150	60
Peas, Canada Field—with Oats	60–90	60

* Pounds per 1000 square feet.

	Pounds Per Acre	Pounds Per Bu.
Potatoes, Irish or White	540–960	60
Rape—drilled	3– 5	50
Rape—broadcast	5– 8	50
Red Top—pastures	8–10	32
Red Top—lawns	* 3	32
Rye, Winter	56–84	56
Rye Grass, Domestic Italian	25–30	24
Rye Grass, Domestic Italian—lawns	* 15	24
Rye Grass, Perennial or English	25–30	24
Sorghum, Forage—broadcast	60–75	50
Sorghum, Forage—drilled	8–10	50
Soy Beans—drilled	30–45	60
Soy Beans—broadcast	60–90	60
Sudan Grass	25–35	35
Timothy—alone	10–15	45
Timothy and Clover Mixed—Timothy	6– 8	45
Clover	4– 6	60
Trefoil, Birdsfoot	3– 5	60
Vetch, Hairy (Winter or Sand) with 1 Bu. small grain	20	60
Vetch, Spring or Common with 1 Bu. small grain	50–70	60
Wheat	75–120	60

* Pounds per 1000 square feet.

BOLGIANO'S *Beautiful* ROSES

We pay postage, east of the Mississippi, on Perennial and Rose orders amounting to $3.00 or more; west of the Mississippi, please add 10% to the amount of the order. On orders of less than $3.00, add 35c. for postage and packing. All Rose orders are subject to the 2% Maryland or D. C. Sales Tax. Please include in your remittance.

Bolgiano's Roses are guaranteed to be good live stock when delivered. Requests for replacements must be made within 60 days after Roses are received.

Everblooming HYBRID TEA ROSES

Strong, 2-yr.-old, field-grown plants that will bloom this year.

Capistrano. Plant Pat. 922. Deep glowing rose-pink. $2.25 each; 3 or more, $2.00 each.

Charles Mallerin. Plant Pat. 933. Dark velvety garnet. Fragrant. $2.50 each; 3 or more, $2.20 each.

Charlotte Armstrong. Plant Pat. 455. Cerise-red. $2.25 each; 3 or more, $2.00 each.

Chrysler Imperial. Plant Pat. 1167. Vivid crimson-red. $2.50 each; 3 or more, $2.20 each.

Countess Vandal. Two-tone salmon-pink. $1.50 each.

Crimson Glory. Deep crimson-red; very fragrant. $1.50 each.

Eclipse. Long yellow buds. $1.50 each.

Etoile de Hollande. Brilliant red; fragrant. $1.50 each.

First Love. Plant Pat. 921. Rose-pink. $2.25 each; 3 or more, $2.00 each.

Forty-niner. Plant Pat. 792. Rich chrome-yellow and red. $2.25 each; 3 or more, $2.00 each.

Golden Masterpiece. Plant Pat. 1284. Golden yellow. $2.75 each; 3 or more $2.40 each.

Golden Scepter. Plant Pat. 910. Deep yellow. $2.00 each; 3 or more, $1.75 each.

Helen Traubel. Plant Pat. 1028. Dainty pink. $2.50 each; 3 or more, $2.20 each.

La Jolla. Plant Pat. 1103. Soft pink, veined and flushed deeper, with creamy center. $2.75 each; 3 or more, $2.40 each.

Love Song. Plant Pat. 1360. Bi-color. $2.50 each; 3 or more, $2.20 each.

McGredy's Ivory. Creamy white with yellow base. $1.50 each.

Mirandy. Plant Pat. 632. Maroon-red; fragrant. $2.25 each; 3 or more, $2.00 each.

Mojave. Plant Pat. 1176. Apricot-orange. $2.75 each; 3 or more, $2.40 each.

Nocturne. Plant Pat. 713. Cardinal-red, shaded crimson. $2.25 each; 3 or more, $2.00 each.

Peace. Plant Pat. 591. Softest yellow edged and flushed pink. $2.50 each; 3 or more, $2.20 each.

Picture. Velvety clear rose-pink. $1.50 each.

President Eisenhower. Plant Pat. 1217. Rich medium red. $2.25 each; 3 or more, $2.00 each.

President Herbert Hoover. Two-tone flame-pink. $1.50 each.

Radiance. Popular pink. $1.50 each.

LADY LUCK

Plant Pat. App. for. A lovely novelty with fragrant, soft pink flowers showing deeper shades at the petal edges. Large, lasting blooms on a hardy, 3-foot plant. Fine for cutting. Our stock is limited this year, so order early. $2.25 each.

Red Radiance. Rose-red. $1.50 each.

Sutter's Gold. Plant Pat. 885. Bright gold shaded coppery orange. $2.25 each; 3 or more, $2.00 each.

Talisman. Two-tone, scarlet-orange and rich yellow. $1.50 each.

Tiffany. Plant Pat. 1304. Phlox-pink. $2.50 each; 3 or more, $2.20 each.

COLLECTION S57-35

Old Favorites

Crimson Glory — **Picture**
Eclipse — **Pres. Herbert Hoover**
McGredy's Ivory — **Talisman**

1 each of these six, $8.50
(Regular value $9.00)

Grandiflora Roses

Buccaneer. Plant Pat. 1119. Golden yellow. $2.50 each; 3 or more, $2.20 each.

Carrousel. Plant Pat. 1066. Garnet-red. $2.00 each; 3 or more, $1.75 each.

Queen Elizabeth. Plant Pat. 1259. Orchid-pink. $2.50 each; 3 or more, $2.20 each.

COLLECTION S57-34

1 each of the 3 Grandifloras, $6.25
(Regular value $7.00)

Tree Roses

These are beautiful for accents in the garden, bringing the blooms up to the eye level. The flowers are the same as are borne on the bush varieties.

No definite information was available at the time this catalog went to press as to what varieties of Tree Roses would be available. We suggest that you order by color, such as:

RED — **WHITE**
PINK — **YELLOW**
TWO-TONE

And we will send variety nearest to the color wanted.

$6.00 each; any 2 for $11.00; any 3 or more, $5.00 each

Floribunda Roses

These Roses produce clusters of bloom from early summer until late frosts. Besides using them in beds, plant Floribundas in the foreground of shrub borders. As a hedge, they are a fine substitute for privet and barberry.

Baby Blaze. Plant Pat. 1362. Dashing red. $2.00 each; 3 or more, $1.75 each.

Circus. Plant Pat. 1382. All-America Winner for 1956. Bright rich pink with yellow at center. $2.50 each; 3 or more, $2.20 each.

Cocorico. Plant Pat. 1193. Blazing poppy-red. $2.00 each; 3 or more, $1.75 each.

Fashion. Plant Pat. 789. Bright coral-peach. $2.00 each; 3 or more, $1.75 each.

Frensham. Deep crimson. $1.50 each.

Goldilocks. Plant Pat. 672. True golden yellow. $1.75 each; 3 or more, $1.55 each.

Jiminy Cricket. Plant Pat. 1346. Tangerine-red. $2.00 each; 3 or more, $1.75 each.

Garnette. A new, much desired small red cluster rose. Low growing. Lovely for bordering rose beds. $1.75 each; 3 or more, $1.55 each.

Red Pinocchio. Plant Pat. 812. Rich carmine. $1.75 each; 3 or more, $1.55 each.

Spartan. Plant Pat. 1357. Buds rosy-scarlet; blooms coral. $2.75 each; 3 or more, $2.40 each.

Vogue. Plant Pat. 926. Rich rose color. $2.00 each; 3 or more, $1.75 each.

White Bouquet. Plant Pat. 1415. All-America Winner for 1957. Double white flowers in clusters; spicy fragrance. $2.50 each; 3 or more, $2.20 each.

EVERBLOOMING CLIMBERS

Cl. Crimson Glory. Plant Pat. 736. Rich crimson; fragrant. $2.50 each; 3 or more, $2.20 each.

Cl. Etoile de Hollande. Bright red. $1.50 each.

Cl. Floradora. Plant Pat. 1054. Cinnabar-red. $2.00 each; 3 or more, $1.75 each.

Cl. Forty-niner. Plant Pat. 1094. Yellow and red. $2.50 each; 3 or more, $2.20 each.

Cl. Goldilocks. Plant Pat. 1090. Golden yellow. $2.50 each; 3 or more, $2.20 each.

Cl. Peace. Plant Pat. 932. Yellow flushed pink. $2.25 each; 3 or more, $2.00 each.

Cl. Snowbird. White. $1.50 each.

Cl. Sutter's Gold. Plant Pat. 1185. Gold shaded coppery. $2.50 each; 3 or more, $2.20 each.

Cl. Talisman. Multicolor. $1.50 each.

Golden Showers. Plant Pat. App. for. All-America Winner for 1957. Daffodil-yellow pillar or climber. $3.00 each.

New Dawn. Soft pink. $1.50 each.

HARDY CLIMBING ROSES

Blaze. Huge trusses of blazing scarlet. Recurrent bloomer when established. $1.50 each.

Paul's Scarlet Climber. Vivid scarlet clusters in June. $1.50 each.

MINIATURE ROSES

Blooms of thumbnail size on plants 6 to 8 inches tall.

Baby Gold Star. Plant Pat. 407. Golden yellow. $1.00 each; 3 or more, 90c. each.

Pixie. Plant Pat. 408. Fully double, white. Buds sometimes touched pink. $1.00 each; 3 or more, 90c. each.

Red Elf. Plant Pat. 973. Dark crimson. $1.00 each; 3 or more, 90c. each.

Sweet Fairy. Plant Pat. 748. Deep pink buds opening lighter. Fragrant. $1.00 each; 3 or more, 90c. each.

BOLGIANO'S ROSE FOOD

Roses require an entirely different kind of feeding than that supplied by the usual general fertilizers. BOLGIANO'S ROSE FOOD has been tried by rose growers and has proved to be an excellent combination of fertilizer materials to insure healthy bushes with colorful blooms. 5 lbs. 75c.; 10 lbs. $1.25; 25 lbs. $2.75.

5 Great Roses for 1957

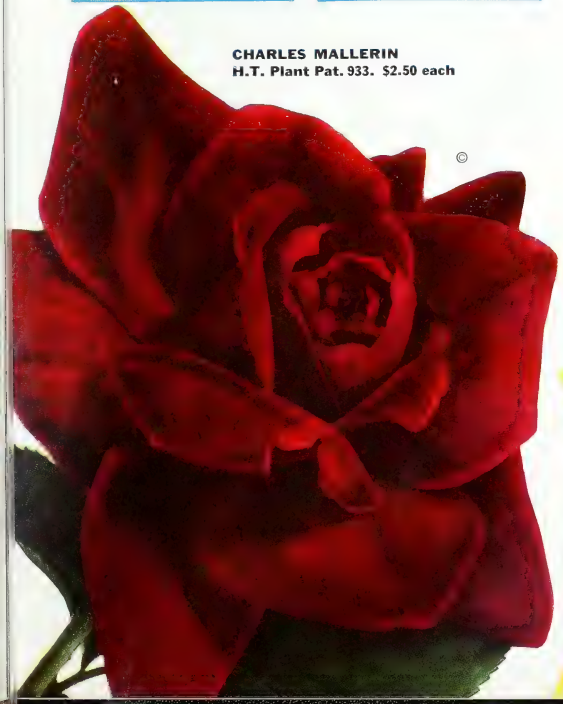
MOJAVE. H.T. Plant Patent 1176. $2.75 each

LOVE SONG. H.T. Plant Pat. 1360
$2.50 each

FIRST LOVE
H.T.
Plant Pat. 921
$2.25 each

GOLDEN MASTERPIECE
H.T.
Plant Pat. 1284
$2.75 each

CHARLES MALLERIN
H.T. Plant Pat. 933. $2.50 each



COLLECTION S57-4
1 each of
Chrysler Imperial
Forty-niner Helen Traubel
Golden Scepter
Mirandy Peace
for $12.50
(For descriptions see page 34)
(Regular value $14.00)

COLLECTION S57-5
1 each of the
5 Roses
illustrated on this page
for $11.50
(Regular value $12.75)

ZINNIA, ORTHO POLKA. Pkt. 25c.

PHLOX, TWINKLE. AAS, 1957. Pkt. 35c.

NEW BUSH SWEET PEA, LITTLE SWEETHEART
Mixed Colors Only. Seed Pkt. 50c.

PETUNIA, POW-WOW. Seed Pkt. 50c.

For Masses of *Color* in

GLOXINIA, BLANCHE DE MERU
Bulbs, each 50c.; doz. $5.00, postpaid

5 NEW L
FOR 9

PHLOX, Twinkle. Il
for 1957. Pkt. 35

MARIGOLD, Crac

PETUNIA, Red
Winner for 1957.

PETUNIA, Glitter
ner for 1957. Pkt

ZINNIA, Ortho Po

Special Collecti

1 pkt. each of th

for $1.5

PETUNIA, GLITTERS. Pkt. 50c.
AAS, 1957

DAHLIAS, SPECIAL
DAHLIA TUBERS. E

PETUNIA, RED SATIN. AAS, 1957. Pkt. 50c.

MARIGOLD, CRACKERJACK. Pkt. 25c.

our Garden All Summer

LOWERS
957
l-America Winner
jack. Pkt. 25c.
in. All-America
t. 50c.
All-America Win-
c.
. Pkt. 25c.
Offer S-500
5 new flowers
postpaid

FANCY-LEAF CALADIUM
MRS. W. B. HALDEMAN
Bulbs, each 60c.; 6 for $3.25, postpaid

COLEUS, RAINBOW MIXTURE. Seed Pkt. 35c.

GLADIOLUS BULBS, EXHIBITION MIXED
Doz. $1.00; $6.50 per 100, postpaid

GE-FLOWERING MIXED
30c.; doz. $3.25, postpaid

UNWIN DAHLIAS
Seed Pkt. 20c.

ZINNIA, ORTHO POLKA. Pkt. 25c.

PHLOX, TWINKLE. AAS, 1957. Pkt. 35c.

PETUNIA, RED SATIN. AAS, 1957. Pkt. 50c.

MARIGOLD, CRACKERJACK. Pkt. 25c.

For Masses of *Color* in Your Garden All Summer

NEW BUSH SWEET PEA, LITTLE SWEETHEART
Mixed Colors Only. Seed Pkt. 50c.

PETUNIA, POW-WOW. Seed Pkt. 50c.

GLOXINIA, BLANCHE DE MERU
Bulbs, each 50c.; doz. $5.00, postpaid

PETUNIA, GLITTERS. Pkt. 50c.
AAS, 1957

5 NEW FLOWERS FOR 1957

PHLOX, Twinkle. All-America Winner for 1957. Pkt. 35c.
MARIGOLD, Crackerjack. Pkt. 25c.
PETUNIA, Red Satin. All-America Winner for 1957. Pkt. 50c.
PETUNIA, Glitters. All-America Winner for 1957. Pkt. 50c.
ZINNIA, Ortho Polka. Pkt. 25c.

Special Collection Offer S-500

1 pkt. each of these 5 new flowers

for $1.50 postpaid

FANCY-LEAF CALADIUM
MRS. W. B. HALDEMAN
Bulbs, each 60c.; 6 for $3.25, postpaid

DAHLIAS, SPECIAL LARGE-FLOWERING MIXED
DAHLIA TUBERS. Each 30c.; doz. $3.25, postpaid

UNWIN DAHLIAS
Seed Pkt. 20c.

COLEUS, RAINBOW MIXTURE. Seed Pkt. 35c.

GLADIOLUS BULBS, EXHIBITION MIXED
Doz. $1.00; $6.50 per 100, postpaid

CARNATION-FLOWERED

ROSEBUD

TUBEROUS-ROOTED *Begonias*

All Begonias on this page, each 45c.; 3 for $1.20; doz. $4.50, postpaid
Each 40c.; 3 for $1.10; doz. $4.00, not postpaid
See page 42 for complete list

HANGING-BASKET

CRISPA (FRILLED)

DOUBLE CAMELLIA-FLOWERED

Bolgiano's Hardy Perennials

Anemone, September Charm

We pay postage, east of the Mississippi, on perennial and rose orders amounting to $3.00 or more; west of the Mississippi, please add 10% to the amount of the order. On orders less than $3.00, add 35c. for postage and packing.

Anemone japonica

Alba. Large, single flowers of purest white on 4-foot plants.
Alice. 2 to 3 ft. Pale silvery rose-pink; very large.
Marie Manchard. Three-foot plants bearing semi-double blooms of clean white.
September Charm. 2 to 2½ ft. Single, silvery rose.
September Queen. 2 ft. Semi-double, rosy red flowers very freely produced.

Any one named variety: 65c. each; 3 for $1.65; 6 for $3.00; $5.25 per doz.

COLLECTION S57-1:
1 each of the 5 for $2.75
COLLECTION S57-2:
3 each of the 5 for $6.00

Anthemis (Golden Marguerite)

Moonlight. 18 to 24 in. Large, single, daisy-like flowers of pale yellow. Late May to July. 65c. each; 3 for $1.65; 6 for $3.00; $5.25 per doz.

Hardy Asters

Eventide. Striking deep violet-blue, huge and almost full. Trimly erect, free and vigorous. Fine for cutting. 3 ft. 75c. each; 3 for $2.00; 6 for $3.50.
Frikarti. Large, lavender-blue daisies on branching, 2 to 2½-foot plants, from July to frost. Plant in good soil in full sun or part shade. 65c. each; 3 for $1.65; 6 for $3.00; $5.25 per doz.
Harrington's Pink. Flowers are perfectly flat, 1½ inches or more across, of clear soft pink, with not a hint of magenta. 4 ft. 60c. each; 3 for $1.50; 6 for $2.75; $4.85 per doz.
Perry's White. Large blooms of exquisite pure white with yellow center. Bushy and vigorous. 2½ to 3 ft. 75c. each; 3 for $2.00; 6 for $3.50.
Radar. Sturdy, stocky and alive with color. Richest glowing beetroot-purple—the reddest of all Asters. 75c. each; 3 for $2.00; 6 for $3.50.
Red Star. Deep, rich rose-red—a magnificent, 3-foot pyramid of lively brilliance. One of the best. 75c. each; 3 for $2.00; 6 for $3.50.

COLLECTION S57-3:
1 each of the 6 for $3.50
COLLECTION S57-6:
3 each of the 6 for $9.00

Bolgiano's perennials are guaranteed to be good live stock when delivered. Requests for replacements must be made within 60 days after plants are received.

Achillea (Yarrow)

Filipendulina, Gold Plate. Large heads of bright yellow bloom, borne on sturdy stems from June to August. Fine for the garden and for cutting. 3 to 4 ft. 75c. each; 3 for $2.00; 6 for $3.50.
Ptarmica. Clusters of double white flowers. A favorite for cutting all summer long, and a good filler plant. 18 in.

Aquilegia (Columbine)

Mrs. Scott Elliott's Strain. Outstanding for its wide range of color. Mixed or separate colors—Pink, Red, White, Blue, Yellow.

COLLECTION S57-25:
1 each of the 5 for $2.35

Astilbe

America. Lilac-rose.
Fanal. Glowing dark garnet-red.
Gladstone. White.
Gloria superba. Deep rose-pink.
Peachblossom. Peachblossom-pink.
Rhineland. Bright crimson.
Simplicifolia rosea. A dwarf species with pink flowers in June and July. Suitable for the shady rock garden or border.

Any one named variety, 75c. each; 3 for $2.00; 6 for $3.75; $7.00 per doz.

Campanula (Bellflower)

Carpatica. 8 to 12 in. Large, cup-shaped, blue flowers during the summer.
Medium. Canterbury Bells. 2 ft. Mixed or separate colors—White, Pink, and Blue.

Cimicifuga (Bugbane)

Planted in large groups in fairly rich, rather moist soil, in the shade, these will display white, spire-like flowers from July to October.
Racemosa. A popular native plant with 3 to 5-foot spikes of white flowers. Late June, July.
Racemosa simplex. A showy fall-blooming variety. White spikes 3 to 4 feet long. Late September and October. 75c. each; 3 for $2.00; 6 for $3.50.

Hardy Carnations (Pinks)

Sweet-scented, double flowers for the garden and for cutting. Very appealing blooms all summer long. Plant in a sunny, well-drained location. Height of all varieties, 10 to 15 inches.
Diana. Deep Persian rose with maroon center; spicy fragrance.
Dubonnet. Brilliant wine-red.
Kiss of Fire. A startling new Hardy Carnation with blooms 1½ to 2 inches across, on 12 to 15-inch, branchy stems. Fiery scarlet-red, a persistent bloomer throughout the summer. It is excellent for cut flowers, for corsages and boutonnieres. 75c. each; 3 for $2.00; 6 for $3.50.
Moon Mist. Large; pure white.
Salmon Unique. Salmon-pink.
Sweet Memory. White spotted crimson in center. Sweet scented. Bushy growth and evergreen foliage the year round.
Wallace Red. Medium-sized blooms of brilliant crimson-red.

Unless otherwise noted, any one named variety of above Carnations: 65c. each; 3 for $1.65; 6 for $3.00; $5.25 per doz.

COLLECTION S57-7:
1 each of the 7 for $4.00

Delphinium

New Astolat Strain, Mixed Colors. Includes a good percentage of pink flowers. Other shades included run from pure white to dark blue and mauve. Double florets. 75c. each; 3 for $2.00; 6 for $3.50; $6.50 per doz.
Belladonna Improved. 3 to 4 ft. Light blue.
Lamartine. 3 to 4 ft. Large, single, dark gentian-blue flowers on branching plants.
New Giant Pacific Hybrids, Mixed Shades. Favorites for the rear of the hardy border.

Dicentra (Bleeding-Heart)

Eximia. 1 ft. Pink blooms from April to fall.
Formosa, Sweetheart. Pure white flowers from spring to fall. Bushy growth, 12 to 15 inches tall. Fine for shade. 95c. each; 3 for $2.50; 6 for $4.75.
Spectabilis. The old-fashioned Bleeding-Heart that everybody loves. Heart-shaped, pink flowers in long racemes. 75c. each; 3 for $2.00; 6 for $3.75; $7.00 per doz.

Echinops

Taplow Blue. 3 to 4 ft. Ball-shaped, blue flowers from June on. The more you cut the flowers, the more it blooms. 65c. each; 3 for $1.65; $5.25 per doz.

New Giant Gaillardia

The Warrior. Magnificent giant flower. Adds vivid new glow to Blanket-flowers. Huge, rich ruby-red blooms, 3½ inches in size, faintly overlaid mahogany. Superb cut flower; wand-like, 3-foot stems, as pliant and wiry as bamboo canes. Long summer crop of stupendous blossoms in sunny, well-drained spots. A real masterpiece. 75c. each; 3 for $2.00; 6 for $3.50.

Funkia (Hosta)

Glauca. The large leaves have a pleasing blue-gray cast; spikes of pale blue flowers. July, August. 75c. each; 3 for $2.00.
Lancifolia. 2 ft. Glossy narrow foliage; lilac-blue flowers. August.
Minor alba. 1 ft. A rare form of dwarf habit. White flowers on 1-foot stalks in midsummer. 75c. each; 3 for $2.00.
Subcordata grandiflora alba. The old-fashioned August Lily; one of the most permanent of perennials. Makes a delightful shady border. 75c. each; 3 for $2.00; 6 for $3.50.
Undulata variegata. 2 ft. A form with variegated foliage; blue flowers in July.

Geum

A colorful hardy perennial blooming freely in June and July. Prefers good rich soil in a sunny or lightly shaded location.
Fire Opal. Orange-scarlet. 18 to 24 in.
Princess Juliana. Bright orange. 18 to 24 in.
Wilton Ruby. Ruby-red. 18 to 24 in.

Two Dwarf Geums

Borisi. Bright scarlet flowers in May and June. Excellent for rock garden and border. 10 to 12 in.
Bulgaricum. Lovely buttercup-yellow flowers with orange cast, on 8 to 10-inch stems. Late May to July.

Either named variety of above Geums: 65c. each; 3 for $1.65; 6 for $3.00; $5.25 per doz.

Unless otherwise noted, all plants are $1.50 for 3 of one named variety; $2.75 for 6 of one named variety; $4.85 per doz. of one named variety. Single plants, 60c. each.

All Perennial plants are subject to the 2% Md. or D.C. Sales Tax. Please include in your remittance.

Gypsophila (Babys-Breath)

Bristol Fairy. 3 ft. The popular double-flowered variety so much used in mixed bouquets. June, July. 75c. each; 3 for $2.00.

Repens Bodgeri. 18 in. Earlier than Bristol Fairy, the white flowers are tinted pink. Compact in habit.

Rosy Veil. 15 in. Double, soft pink flowers all summer. Fine for a low border or a sunny spot in the rock garden.

Helleborus (Christmas Rose)

They grow best in rich soil and a shady location. Attractive the year round.

Niger. 1 ft. Single white blooms flushed with pink, on sturdy stems. December to March. $1.25 each; 3 for $3.25.

Orientalis atropurpurea. Crimson-purple flowers on 12 to 15-inch stems. February to April. $1.25 each; 3 for $3.25.

Hemerocallis (Daylily)

August Pioneer. 2½ ft. Chrome-orange blooms of medium size. Early August through September. 75c. each; 3 for $2.00.

Cinnabar. 2 to 3 ft. Orange base sprinkled cinnamon; recurving sepals and petals. July. 75c. each; 3 for $2.00.

Dr. Regel. Rich orange-yellow. May.

Flava (Lemon Lily). 2 ft. Sweet-scented; lemon-yellow. May to June.

George Yeld. 4½ ft. Rich orange-yellow, flushed with rose on inside of petals. July. 75c. each; 3 for $2.00.

Hyperion. 3 ft. Still the finest pale yellow Daylily. Huge, impressive blooms. July to August. 75c. each; 3 for $2.00.

Kwanso. Double; rich golden bronze. July, August.

Lemon Hybrids. 3 to 5 ft. Giant blooms in various shades from orange-red to maroon. Mixed only. $1.00 each; 3 for $2.50.

Linda. 3½ ft. Crinkled petals, golden yellow with cinnamon markings. July, August. 75c. each; 3 for $2.00.

Modesty. 4 ft. Palest yellow; very large. June. 75c. each; 3 for $2.00.

Mrs. W. H. Wyman. 3½ ft. Pale glistening yellow. August. 75c. each; 3 for $2.00.

Ophir. 4 ft. Rich golden yellow. July. 75c. each; 3 for $2.00.

Pink Charm. 3 to 3½ ft. Large, recurving, dusky rose-pink flowers, shading to rose-red. June and sometimes again in the fall. $2.50 each; 3 for $6.00.

The Gem. 3 ft. Yellow; large. July, August. 75c. each; 3 for $2.00.

5 NEW DAYLILIES

Carnival. Large, light red blooms with wide yellow stripe; golden throat. July, August. 3½ ft. $2.00 each; 3 for $5.00.

Enchantress. Huge; soft yellow to copper-gold. Late July, August. 4 ft. $2.00 each; 3 for $5.00.

Jane. Bright scarlet-red, with golden throat; very large. Late June, July. 4 ft. $1.50 each; 3 for $4.00.

Lady Esther. Huge, trumpet-shaped, pale yellow blooms on sturdy, 3 to 3½-foot stems. Mid-June to late July. $1.50 each; 3 for $4.00.

Rose Dubarry. Strawberry-red, with deep orange throat. Never burns. Late June, July. 3½ ft. $1.50 each; 3 for $4.00.

COLLECTION S57-8:
1 each of the 5 for $5.00

(FREE with each offer: 1 August Pioneer for August and September bloom.)

Iberis (Candytuft)

Sempervirens. 10 to 12 in. White flowers in spring. Evergreen foliage. Best in sun.

Snowflake. 10 in. Large, pure white flowers on dwarf plants. The best variety for foliage effect as an evergreen edging plant.

We pay postage, east of the Mississippi, on perennial and rose orders amounting to $3.00 or more; west of the Mississippi, please add 10% to the amount of the order. On orders less than $3.00, add 35c. for postage and packing.

Liatris (Gayfeather)

Pycnostachya. 4 ft. The tall spikes of rich purple are outstanding in the summer garden. July, August.

September Glory. 6 ft. Giant spikes of rosy purple flowers, making a splendid effect. September.

White Spire. A sport of September Glory. Pure white. Fine for garden and cutting.

Lily-of-the-Valley

Everybody knows and loves the fragrant white Lily-of-the-Valley. Grow it in the shade. 12 for $2.00; 25 for $3.50; 50 for $6.50; $12.00 per 100.

Linum (Perennial Flax)

Alpinum. 15 in. Dwarf; brilliant sky-blue flowers nearly all summer.

Flavum. 12 in. Golden yellow. May to July.

Lupins

Russell Hybrids. 3½ ft. Flower spikes 2 feet long, representing practically every color in the rainbow. They like a partially shaded location in rich, lime-free soil. Particularly recommended for cooler sections of the country. May to July.

Lythrum

Dropmore Purple. Brilliant rosy magenta.

Morden Gleam. Bright rose-red.

Morden Pink. Clear rose-pink.

COLLECTION S57-9:
1 each of the 3 for $1.65

Monarda (Bergamot)

Croftway Pink. 3 ft. Numerous large, rich pink flowers from July to September. Foliage is very aromatic.

Myosotis (Forget-Me-Not)

Palustris semperflorens. 8 in. Blooms from late spring to frost. Plant in part shade.

Physostegia (False Dragonhead)

Rosy Spire. 3½ ft. Showy spikes of deep rosy crimson bloom. September.

Summer Snow. 3 ft. A new white variety; we need more spire-like flowers in summer gardens. July, August.

Vivid. 18 in. Ideal dwarf kind with deep pink bloom. September.

Platycodon (Balloon-flower)

Double White. Beautiful double blooms on 18 to 24-inch plants. Excellent for cut flowers and for garden decoration.

Double Blue. A good companion for Double White.

Double Pink. Attractive pink.

New Shell-Pink. 18 in. Distinctive pale pink flowers. Blooms freely all summer.

Any one named variety of above Platycodons: 65c. each; 3 for $1.65; 6 for $3.00

Penstemon (Beard-Tongue)

Rose Elf. 2 to 3 ft. A new hardy Penstemon producing masses of bloom in June and July. The color is a lovely coral-pink. 65c. each; 3 for $1.65; 6 for $3.00.

Bolgiano's perennials are guaranteed to be good live stock when delivered. Requests for replacements must be made within 60 days after plants are received.

Hemerocallis (Daylily)

Plumbago (Leadwort)

Larpentæ. 12 in. Rich foliage and deep blue flowers in late summer; useful for sunny or shady ground covers or for the rock garden. July to September.

Primrose

New Giant Polyanthus (Colossal Strain). Florets often as large as a silver dollar, in heads 4 to 8 inches across. Color range most varied, with many rare shades. Hardy. 65c. each; 3 for $1.65; 6 for $3.00; $5.50 per doz.

Japanese Primrose. Flowers in various colors borne in whorls on 15 to 18-inch stems. They require a very moist location. May, June. 75c. each; 3 for $2.00; 6 for $3.50; $6.50 per doz.

Primula cashmiriana. Large round heads of bloom on 12 to 15-inch stems. Various shades of lavender. April, May.

Pyrethrum (Painted Daisy)

Huge, single blooms often 3 to 4 inches across on sturdy, 2 to 2½-foot stems. Wonderful for cutting. Pleasing, brilliant colors.

Phlox subulata
(Moss or Mountain Pink)

Low spreading plants with attractive foliage cover themselves with a mass of tiny flowers in April and May. A leading rock-garden plant and desirable for wall gardening, or they can be used as edgings.

Pink	White
Red	Blue

COLLECTION S57-10:
4 plants, 1 of each for $2.00

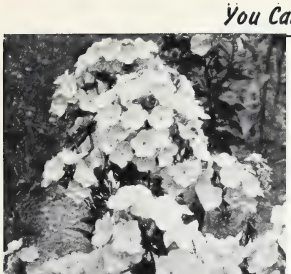
COLLECTION S57-11:
12 plants, 3 of each for $5.00

Phlox divaricata

Laphami. The ideal blue Phlox for early spring bloom. Excellent for planting with hardy candytuft or yellow and white tulips. *Phlox divaricata* grows and spreads rapidly and is covered with exquisite blue flowers from late April through May. 10 to 12 in.

Unless otherwise noted, all plants are $1.50 for 3 of one named variety; $2.75 for 6 of one named variety; $4.85 per doz. of one named variety. Single plants, 60c. each.

All Perennial plants are subject to the 2% Md. or D.C. Sales Tax. Please include in your remittance.



Hardy Summer Phlox

Border Queen. Watermelon-pink. 18 in.
Count Zeppelin. White with red eye. 2 ft.
Lilian. Cameo-pink with blue eye. 2 ft.
Mary Louise. White. 2 ft.
Pinkette. White tinted pink. 2 ft.
Rosy Blue. Lavender. 2 ft.
Ruth May. Apple blossom-pink. 2 ft.
Salmon Beauty. Salmon with white eye. 2 ft.
San Antonio. Blood-red. 2 ft.
Spitfire. Sunset-red. 2 ft.

COLLECTION S57-12:
1 each of the 10 for $3.85
COLLECTION S57-13:
2 each of the 10 for $7.25
COLLECTION S57-14:
3 each of the 10 for $9.85

Six Beautiful Phlox

Brigadier. Beautiful orange-red.
Charles Curtis (True). Deep intense red.
Elizabeth Arden. Lavender-pink.
Sir John Falstaff. Deep salmon-pink.
White Admiral. Beautiful white.
Windsor. Deep orange-red.

Any one named variety: 75c. each; 3 for $2.00; 6 for $3.75; $7.00 per doz.

COLLECTION S57-15:
1 each of the 6 for $3.50
COLLECTION S57-16:
3 each of the 6 for $9.00

Rudbeckia (Coneflower)

Purpurea, The King. Large, star-like, crimson-red flowers on stiff, 4 to 5-foot stems. 65c. each; 3 for $1.65; 6 for $3.00.

Shasta Daisies (Chrysanthemum maximum)

The Shasta Daisies are among the best of perennials for cut flowers.

Edgebrook Giant. Single, 5 to 6-inch blooms on 2-foot stems. June, July.
Esther Read. Full double-crested center. 15 to 18 in. All summer.
Marconi. Double, fluffy, 5-inch blooms off and on all summer. 18 to 24 in.
Wirral Supreme. A new Shasta Daisy with large flowers that are crested in the center like an anemone-flowered Chrysanthemum. A fine cut flower. 3 ft. June, July. $1.00 each; 3 for $2.50.

Unless otherwise noted, any one named variety: 75c. each; 3 for $2.00; 6 for $3.50; $6.50 per doz.

COLLECTION S57-17:
1 each of the 4 for $2.50

We pay postage, east of the Mississippi, on perennial and rose orders amounting to $3.00 or more; west of the Mississippi, please add 10% to the amount of the order. On orders less than $3.00, add 35c. for postage and packing.

Thalictrum (Meadow-Rue)

Lavender Mist. 4 to 5 ft. For the background of a perennial border. Sprays of delicate lavender flowers with cream centers are carried on slender, stiff stems. Blooms freely in late summer. Perfectly hardy. 65c. each; 3 for $1.65; 6 for $3.00; $5.25 per doz.

Trollius

Europæus, Pritchard Giant. Showy, very large, globe-shaped, orange flowers on 2-foot stems during May and June and occasionally again in the fall. 75c. each; 3 for $2.00; 6 for $3.75; $7.00 per doz.
Europæus, Lemon Queen. Similar to the above but lemon-colored. 75c. each; 3 for $2.00; 6 for $3.75; $7.00 per doz.
Ledebouri, Golden Queen. 3 ft. Large open flowers of beautiful golden yellow. Blooms—June and July. 75c. each; 3 for $2.00; 6 for $3.75; $7.00 per doz.

Veronica (Speedwell)

Barcarole. Deep rose-pink flower spikes from June to September. A compact grower to about 10 inches. 65c. each; 3 for $1.65; 6 for $3.00.
Blue Champion. Medium blue flowers in mid-summer. 2 ft. 75c. each; 3 for $2.00; 6 for $3.50; $6.50 per doz.
Icicle. Pure white variety, blooming nearly all summer on 18 to 24-inch stems. 75c. each; 3 for $2.00; 6 for $3.50.
Sunny Border Blue. The finest deep blue Veronica. Very compact growth only 18 inches high. Blooms from July on. 75c. each; 3 for $2.00; 6 for $3.50.

COLLECTION S57-18:
1 each of the 4 for $2.50
COLLECTION S57-19:
3 each of the 4 for $5.50

Viola odorata (Sweet Violet)

Royal Robe. Large-flowered Violet. Blooms have long stems and mild, sweet scent.
Blue Triumph. A new, very sweet-scented Violet with fairly large flowers. Of easy culture in sun or shade. Blooms spring and fall. A "must." 75c. each; 3 for $2.00.

Eight Choice Herbs for Kitchen Use

Apple Mint
Peppermint
Spearmint
Chives
Rosemary
Sage
Tarragon
Thyme

COLLECTION S57-20:
1 each of the 8 for $3.35
COLLECTION S57-21:
3 each of the 8 for $7.75

Hardy Outdoor Ferns

Ideal plants for shady spots in the garden

Leatherwood Fern. Evergreen. Attractive and vigorous grower. 2 to 3 ft.
Maidenhair Fern. Prefers a moist, shady location. 18 to 24 in.
Lady Fern. Exceedingly showy and vigorous. Shade. 2 to 3 ft.
Toothed Woodfern. Almost evergreen. Fine effects when massed in shade. Prefers a rich, moist soil. 2 to 3 ft.
Cinnamon Fern. Strong, vigorous growing, suited to varied locations in shade or semi-shade. 3 to 4 ft.
Christmas Fern. Evergreen. Extremely ornamental for massing in shade or partial shade. 1 to 2 ft.
Ostrich Fern. Bold growing, usually along streams. Very ornamental in a moist, shady location. 3 to 5 ft.
Royal Fern. A strong, tall species that thrives in shady or sunny locations. 3 ft.

Vines

LARGE-FLOWERED CLEMATIS. Available in Purple, Blue, White, Pink, Red. $1.50 each; any 2 for $2.75; any 3 for $4.00.
SMALL-FLOWERED CLEMATIS, Paniculata. Sweet-scented Autumn Clematis. Pure white. Late summer. $1.25 each; 3 for $3.25.
AMPELOPSIS Veitchi. Boston Ivy. Glossy green leaves turn scarlet in fall. Clings very well to brick or stone walls. $1.00 each; 3 for $2.75.
BITTERSWEET (*Celastrus scandens*). Grown as a vine or large shrub. The brilliant berries are useful for indoor decoration. $1.00 each; 3 for $2.75.
NEW HONEYSUCKLE (**Lonicera**), **Goldflame.** Flame-pink, yellow inside. $1.00 each; 3 for $2.50.
SILVER LACE VINE (*Polygonum Auberti*). White sprays of flowers completely cover plant in late summer and early fall. $1.00 each; 3 for $2.75.
LONG-CLUSTERED WISTERIA (*Wisteria multijuga*). Long flower clusters 18 to 24 inches in length.
Rosea. Pink. **Alba.** White. **Purpurea.** Purple.
Any of above Wisteria, $1.50 each; 3 of one named variety for $4.00

Camellia Sasanqua

One of the finest of all broad-leaved evergreens. Similar to the ever-popular **Camellia japonica** of the South, but looser and faster growing. Plants bloom profusely from the latter part of September through November. Sasanquas can be grown without protection from the vicinity of Baltimore southward and in other warm sections.

ANNETTE. A two-toned variety, similar to Cinderella but more dense in growth and a much deeper shade of pink.
BENI - KANT - SUBAKI (**Shishi-Gashira**). Double, red flowers of good size.
BRILLIANCE. Single flower with 7 or 8 petals of light rose-pink. Very compact, upright grower.
CINDERELLA. Rather dense, rapid grower of pyramidal habit. Handsome, single, two-toned flowers, which are white in center and shade to pink at the ends of the petals.
DAWN. Hardiest of all Sasanquas. Semi-double; ivory-white with flesh-pink at the margins of the petals. Compact and symmetrical.
DAYDREAM. Quite large, single to semi-double, white flowers with pink edges.
HINODE-GUMO. Large single flower with 8 or 9 petals, which are wavy and crepe-like in texture. White with pink edge.
MAIDEN BLUSH. Single; clear pink. Fast, compact grower.
MINE-NO-YUKI (**Snow-on-the-Mountain**). Large, double, white flowers resemble a carnation and are borne in profusion.
OLEIFERA (**Covington**). Large; white edged rose crinkled petals. Fast grower.
RUBRA SIMPLEX. Single red flowers. Very good grower.
USU-BENI. Double; orchid-pink, with some white variegation. Leaves dark, crenulated.
Any one named variety, $1.50 each; 3 for $4.00; 6 for $7.00; $12.50 per doz.

THREE DOUBLE SASANQUAS
COLLECTION S57-22:
Beni-kant-subaki Mine-no-yuki Usu-beni
1 each of the 3 for $4.00

THREE SINGLE SASANQUAS
COLLECTION S57-23:
Maiden Blush Oleifera Rubra Simplex
1 each of the 3 for $4.00

COLLECTION S57-24:
ONE EACH OF
Collection S57-22 plus Collection S57-23
for $7.50

Bolgiano's perennials are guaranteed to be good live stock when delivered. Requests for replacements must be made within 60 days after plants are received.

Unless otherwise noted, all plants are $1.50 for 3 of one named variety; $2.75 for 6 of one named variety; $4.85 per doz. of one named variety. Single plants, 60c. each.

All Perennial plants are subject to the 2% Md. or D.C. Sales Tax. Please include in your remittance.

Hardy Garden Chrysanthemums

Hardy Garden Chrysanthemums

Ten Lovely Chrysanthemums

ARISTOCRAT. Majestic 3½-inch blooms, perfectly double. Deep cerise. October 5.

BRONZE PYRAMID. Big double blooms on glowing deep bronze. A strong, free-blooming plant. 3 to 3½ ft. Early October on.

DRIFTED SNOW. One of the finest whites. Full double flowers on bushy, 2-foot plants. Late September on.

MEADOW GOLD. Big fluffy blooms on a bushy, 18-inch plant. Attractive pale yellow. Early September.

MEDITATION. Double, two-tone flowers of soft light jasper-red and maize-yellow with orange reverse. 2 to 2½ ft. Late September on.

PRELUDE. Very large and double. A pleasing combination of flesh-pink and maize-apricot. Sturdy, 2 to 2½-foot plants. Early September on.

TIFFANY ROSE. A very attractive flower opening full double and maturing semi-double. Deep rose with golden halo. Free blooming from late September on.

TWILIGHT. Large, fuchsia-purple blooms with silvery reflex. 2½ to 3 ft. Late September on.

VALIANT. Very large, semi-double flowers of bright rose-scarlet with yellow center. 2 to 2½ ft. Early September on.

WHITE WONDER. Beautiful, ball-shaped white flowers on a sturdy, upright plant. 2½ to 3 ft. Late September on.

60c. each; any 3 for $1.50; any 6 for $2.75; any 12 for $5.00

COLLECTION S57-26:
1 each of the 10 for $4.50

Bolgiano's perennials are guaranteed to be good live stock when delivered. Requests for replacements must be made within 60 days after plants are received.

Spoon Chrysanthemums

Blooms in early October.

CANARY SPOON.

CARDINAL SPOON. Cardinal-red with greenish yellow tubes.

CHARM SPOON. Reddish bronze.

ORCHID SPOON. Orchid-lavender.

WHITE SPOON.

YELLOW SPOON.

60c. each; 3 for $1.50; 6 for $2.75; $4.85 per doz.

COLLECTION S57-27:
1 each of the 6 for $2.50

Extra-Early Chrysanthemums

Particularly recommended for northern gardens. These varieties start to bloom from late August to early September and continue until frost.

AVALANCHE. Finest early white.

FASCINATION. Double, 3 to 4-inch flowers. Lavender-pink.

FLAMBOYANT. Beautiful orange-bronze.

GOLDEN HOURS. Clear yellow.

HUNTSMAN. Brilliant scarlet-orange.

MYRTLE WALGREEN. A good purple.

60c. each; 3 for $1.50; 6 for $2.75; $4.85 per doz.

COLLECTION S57-28:
1 each of the 6 for $2.50

Pompon Chrysanthemums

CANARY WONDER. Early lemon-yellow. 2 ft. Late September on.

CARMINE QUEEN. Bright carmine-red, 1½ to 2-inch blooms. 2 to 3 ft.

GOLDEN CHEER. The most admired yellow pompon. Very hardy. Fully double blooms about 2 inches across. Brilliant golden yellow. 2 to 3 ft. Usually blooms about mid-October.

MASQUERADE. A much hardier hybrid of the choice but tender old favorite, Jewel. Trim and compact, growing in a rounded, 2-foot mass and loaded with neat, 1-inch balls of silvery rose with darker centers. Glistens in the sun of early October.

MOGUL. Orange-rust.

ORCHID JEWEL. Appealing light lavender-pink flowers cover the sturdy, 2 to 2½-foot plants. Similar to Masquerade in form. Late September on.

WHITE DOTY. An old reliable white that is always admired. Very useful for cutting. 3 ft.

60c. each; any 3 for $1.50; any 6 for $2.85; any 12 for $4.85

COLLECTION S57-29:
1 each of the 7 for $3.00

Cushion Mums

Low, bushy growth. Bloom from August to frost.

Red **Bronze** **Yellow**
Pink **White**

60c. each; any 3 for $1.50; any 6 for $2.75; any 12 for $4.85

COLLECTION S57-30:
1 each of the 5 for $2.00

GOLDEN CARPET. A ground-hugging carpet with glittering golden, globe-shaped flowers 1 to 1½ inches across. 75c. each; 3 for $2.00; 6 for $3.50; $6.50 per doz.

6 New Beauties

ALPENA. Double, 2 to 3-inch blooms of dark red. 18 in. Late September on.

ARLORA. Perfect double, bronze blooms on rigid, 18 to 24-inch stems. Bright green foliage.

ASTORIA. Numerous sprays of deep lemon pompons on stiff, 18-inch stems. Mid-September on.

GLORIA. Fairly large, double flowers of beautiful white with lemon center. Early September on.

MAYFLOWER. Large, solid pompons of soft luminous pink, borne in a perfect spray on a rigid stem. Excellent as a cut flower. Late September on.

RONNIE. Large button type of dark lavender, unusual and beautiful. 18 to 24 in. Early October on.

75c. each; any 3 for $2.00; any 6 for $3.75; any 12 for $7.00

COLLECTION S57-33:
1 each of the 6 for $3.50

5 Garden Favorites

Large-flowered varieties with 3 to 3½-inch, double blooms on sturdy, 2-foot plants. October 1.

CHIPPA RED. New maroon-red.

CLEREPINK. Liveliest and clearest pink.

GARDENIA. A fine new white.

SPELLBINDER. Canary to butter-yellow.

VISION. Lovely light bronze.

75c. each; any 3 for $2.00; any 6 for $3.50

COLLECTION S57-32:
1 each of the 5 for $2.85

BOBBY'S RED SINGLE. Two to 3-inch blooms of bright scarlet fading to soft orange-red; very attractive at all stages. 18 in. Early September. 60c. each; 3 for $1.50.

BETTY. Double flowers of apple-blossom-pink with deeper center. Long stems. 2½ ft. Early October. 60c. each; 3 for $1.50; 6 for $2.75; $4.85 per doz.

IVORY GLOW. Marvelous 3-inch flower, very full, recurved, of glistening ivory-white. Upright, 2 to 3-foot plants. Early October. 60c. each; 3 for $1.50; 6 for $2.75.

ALEX CUMMING. Mammoth, colorful, vigorous! Superbly molded, 4-inch flowers open entrancingly rich, pure cerise and gently mature to delightful rose color. Majestic blooms incurve at the center and recurve at the petal tips. Exotic as a big greenhouse Mum. A 2½-foot eyeful from early October on. 75c. each; 3 for $2.00; 6 for $3.50.

Giant English Chrysanthemums

ALBION. White. 2 to 3 ft. October.

CHARLES E. MORRIS. Yellow. 2 to 3 ft. Early October.

CRIMSON CHAMPION. Crimson. 18 to 24 in. Mid-October.

DAUNTLESS. Bronze. 2 to 3 ft. Early October.

EVANGELINE. Pink. 2½ to 3 ft. Late September.

$1.00 each; 3 of one variety for $2.75

COLLECTION S57-31
1 each of the 5 for $4.00

All Perennial plants are subject to the 2% Md. or D.C. Sales Tax. Please include in your remittance.

Flowering Shrubs, Hedge Plants, Ornamental and Shade Trees

Prices quoted include delivery in Washington, D. C., and vicinity. (We do not ship nursery stock.)

Maple, Crimson King

Flowering Shrubs Balled and Burlapped

ALMOND, Flowering. Double pink flowers in early spring. 18 to 24 in., $2.50 each.

BEAUTY-BUSH. Long, arching branches with pink flowers in spring. 2 to 3 ft., $3.00 each.

CALYCANTHUS floridus (Sweet-smelling Shrub). Brown, fragrant blooms in spring. 18 to 24 in., $2.50 each.

COTONEASTER horizontalis (Rock Cotoneaster). Spreading, box-like foliage. Red berries. Very good in rock gardens. 10 to 12 in., $3.50 each.

CRAPE-MYRTLE (*Lagerstræmia*). Hardy as far north as Baltimore. Grown widely throughout the South, blooming over a long period on the current year's growth. Ranks at the top of flowering shrubs. Should be pruned severely when transplanted and given plenty of time to start new growth. Blooms in July and August. Spring planting is recommended. Red and Pink. (18 to 24 in.) $3.00 each; (30 to 36 in.) $4.50; 3 to 4 ft., $6.75.

DEUTZIA gracilis. Grows to 3 feet and blooms in late May. One of the best dwarf shrubs, with many white flowers. 15 to 18 in., $2.50 each.

FORSYTHIA intermedia spectabilis (Golden Bell). Strong, erect habit. 2 to 3 ft., $2.25 each; 3 to 4 ft., $3.00.

Lynwood Gold. Golden yellow flowers on erect branches. A good bloomer. 2 to 3 ft., $3.00 each.

HONEYSUCKLE, Pink Tatarian (*Lonicera tatarica rosea*). Bush type. Flowers delicate pink with deeper edges. Blooms in June. Red berries. 2 to 3 ft., $2.50 each.

HYDRANGEA, Otaksa. Blue or pink, depending on soil acidity. 12 to 15 in., $2.75 each.

Peegee. The old-time variety. 18 to 24 in., $2.25 each.

HYPERICUM, Hidcote. Dwarf shrub with golden yellow flowers from late June until October. 15 to 18 in., $2.75 each.

LILAC, Old-fashioned Purple. 18 to 24 in., $2.50 each.

French Hybrids.
Belle de Nancy. Violet-red.
Charles Joly. Red-purple.
Ellen Willmott. White.
President Grevy. Light blue.

Above 4 varieties
18 to 24 in., $2.75 each

PHILADELPHUS virginalis (Mock-orange). Grows 7 to 8 feet tall. Semi-double flowers in mid-June. One of the most fragrant. 2 to 3 ft., $2.75 each.

SNOWBALL (*Viburnum opulus sterile*). Flowers like large white balls in May or June. 2 to 3 ft., $3.00 each.

SPIRÆA, Anthony Waterer. Crimson flowers all summer. Dwarf. 15 to 18 in., $2.50 each.

Vanhouttei. The most showy white variety. May, June. 18 to 24 in., $2.50 each.

VIBURNUM setigerum. Strong shrub with clusters of bright red berries that remain until early winter. 18 to 24 in., $3.00 each.

WEIGELA, Eva Rathke. Rich reddish purple flowers in May. 2 to 3 ft., $3.00 each.

Ornamental and Shade Trees

CHERRY, Flowering. Double pink flowers in spring. 3 to 4 ft., $7.50 each.

CRAB, Flowering. Red flowers in spring and small fruits in the fall. 3 to 4 ft., $5.00 each.

DOGWOOD, Pink-flowering. Dainty single pink. 2 to 3 ft., $6.50 each; 3 to 4 ft., $10.00; 4 to 5 ft., $14.00.

White-flowering. A springtime favorite. Red berries in fall. 2 to 3 ft., $4.50 each; 3 to 4 ft., $6.25; 4 to 5 ft., $8.50.

GOLDEN CHAIN TREE. Grows to 25 or 30 feet. Long clusters of yellow flowers. 3 to 4 ft., $7.50 each.

HAWTHORN, Washington (*Cratægus cordata*). Beautiful autumn coloring and large clusters of bright red fruit. 4 to 5 ft., $5.50 each.

LOCUST, Thornless Moraine. A tall, broad-headed shade tree. 8 to 10 ft., $10.00 each.

MAGNOLIA Soulangeana (Saucer Magnolia). A hardy Chinese species with beautiful cup-shaped flowers 3 to 5 inches in diameter, white inside, flushed with pink outside. 2 to 3 ft., $6.50 each; 3 to 4 ft., $8.50.

MAPLE, Blood-leaf Japanese Dwarf. True red. 18 to 24 in., $10.00 each.

Crimson King. Plant Pat. 735. The best purple-leaf Maple. Foliage is about the color of a copper beech. Very attractive. 5 to 6 ft., $12.00 each.

Norway (*Acer platanoides*). Dark green leaves turning yellow in fall. 60 to 70 feet. 6 to 8 ft., $7.50 each.

Red (*A. rubrum*). A rapid-growing Maple with vivid fall coloring. This is not the Dwarf Japanese Red-leaf Maple. 6 to 8 ft., $7.50 each.

Sugar. A vigorous grower with bright fall coloring. 6 to 8 ft., $7.50 each.

OAK, Pin (*Quercus palustris*). Grows 75 to 90 feet tall. Shiny foliage, rich scarlet in fall. Pyramidal head. 6 to 8 ft., $7.50 each.

In this locality, Nursery Stock can be planted in early February. May we urge that your order be placed EARLY.

Our plants are good heavy stock. Free delivery in Washington and the suburban area; no shipments made outside this area. Residents of D. C. and Md. are requested to include the 2% sales tax with their remittance.

Packaged Wrapped Popular Varieties of Flowering Shrubs and Ornamental Trees

All of these shrubs are at least two years old, hardy field grown, are well branched and rooted, packed in peat moss to keep roots in top condition.

Almond, Pink
Beauty-Bush
Butterfly-Bush, Purple and Red
Burning-Bush, Dwarf
Deutzia, Dwarf
Forsythia
Honeysuckle, Red
Hydrangea, P. G.
Lilac, Old-fashioned Purple
Lilac, Dwarf French, 4 colors
Mock-Orange
Quince, Flowering
Spirea, Dwarf, Anthony Waterer
Spirea, Bridal-Wreath
Snowball
Sweet Shrub
Weigela, Red

All the above shrubs, $1.95 each

Flowering Ornamental Trees

Cherry, Double Flowering Japanese	$5 95
Crab, Almey	4 95
Crab, Katherine	2 95
Crab, Dolgo	2 95
Hawthorn, Paul's Scarlet	5 95
Peach, Pink and Red	3 50
Redbud	3 50

Multiflora Rose Fence

(Rosa Multiflora)

Living Farm Fence of Great Value

White flowers in spring, followed by red berries. Needs no trimming. Grows 6 to 8 feet tall, 5 to 7 feet wide. Plant 1 foot apart in single row. Protects soil, crops, game. 15 to 18 in., 20c. each; $17.50 per 100.

Hedge Plants

BARBERRY, Green-leaf. The best and most practical low hedge plant. It also makes a good footing or base planting near the house, or border plant in front of tall-growing shrubs. 3-yr., well branched, $6.50 for 10; $60.00 per 100.

LIGUSTRUM, Suwannee River. Plant Pat. 1402. A hybrid with deep green foliage. Very compact and hardy. Excellent for a low hedge. 12 to 15 in., $3.95 each.

PRIVET, California. Dark green foliage which remains on the plant until mid-winter. Well-branched, heavy stock. 12 to 18 in., $2.00 for 10; $18.50 per 100. 1½ to 2 ft., $3.50 for 10; $25.00 per 100.

Lucidum (Evergreen Privet). Compact plant with glossy green leaves and blue berries. 12 to 18 in., $3.75 each.

Evergreens, Trees and Shrubs

Tall Evergreens

ARBORVITÆ, American Nigra. More symmetrical in form and deeper in color. The best of the taller Arborvitæ. Very compact; rapid grower. 3 to 4 ft., each $7.50.

A., Pyramidal. Dense, dark green foliage. 3 to 4 ft., each $7.50.

CEDAR, Deodar. Tall, pyramidal tree of bluish green. A rapid grower, not hardy in far north. 24 to 30 in., each $5.00.

HEMLOCK. Best evergreen for shade. Rich deep green foliage. Can be used to make a beautiful hedge. 18 to 24 in., each $4.50; 24 to 30 in., $6.00.

ILEX opaca (American Holly). Adapted to wide range of soil and climate. From berry-bearing trees. 18 to 24 in., each $6.50. Larger sizes priced on request.

MAGNOLIA grandiflora. A noble evergreen tree in the South. Tulip-like, large, pure white flowers; fragrant. Not hardy in far north. 18 to 24 in., each $3.25; 3 to 4 ft., $12.00. Larger sized priced on request.

SPRUCE, Colorado. Silvery green foliage. Tall grower 24 to 30 in., each $6.00.

S., Norway. Dark green, handsome tree reaching 30 to 50 feet. 18 to 24 in., each $4.50; 24 to 30 in., $6.50.

YEW, Upright (*Taxus media Hicksi*). Symmetrical shape. Brilliant scarlet fruits. 15 to 18 in., each $4.75; 18 to 24 in., $7.50.

Broad-leaved Evergreen Shrubs

ABELIA grandiflora (Bush Arbutus). Leaves dark green and glossy. Flowers white, tinged with pink. 15 to 18 in., each $2.50; 3 to 4 ft., $5.50.

AZALEA, Hinodegiri. Low-growing. Scarlet flowers; evergreen leaves. 8 to 10 in., each $2.25; 10 to 12 in., $3.00; 12 to 15 in., $4.00; 15 to 18 in., $5.00.

A., Kurume, Coral Bells. Clear pink. 8 to 10 in., each $2.25; 10 to 12 in., $3.00; 12 to 15 in., $3.75.

A., Snow. Pure white. 8 to 10 in., each $2.25; 10 to 12 in., $3.00; 12 to 15 in., $4.00.

BARBERRY, Julianæ. Evergreen. Yellow flowers in early spring; fragrant, spined leaves. Hardy. 15 to 18 in., each $4.00.

BOXWOOD, Old English (*Buxus suffruticosa*). Slow-growing. For edging or borders. 4 to 6 in., each 75c. (bare root); 8 to 10 in., $2.75 (B&B).

B., American (*B. sempervirens*). Faster growing. 10 to 12 in., each $2.50; 15 to 18 in., $4.50.

ILEX cornuta Burfordi (Chinese Holly). A shrub to 10 feet tall. Lustrous dark green leaves, always beautiful. Its large, bright red berries are most effective. 12 to 15 in., each $3.50; 18 to 24 in., $6.50.

I. crenata (Japanese Holly). Grows 8 to 10 feet high. Good shrub or hedge plant, with evergreen boxwood-like leaves and black berries. 12 to 15 in., each $4.50; 15 to 18 in. $5.25.

OSMANTHUS Aquifolium. One of the handsomest of evergreen shrubs, with lustrous green foliage similar to holly. Can be used for hedge. 15 to 18 in., each $3.75; 18 to 24 in., $5.50.

RHODODENDRON catawbiense. Large purple flowers. 18 to 24 in., each $5.50.

R. maximum (Rosebay). Large pink to white flowers. 15 to 18 in., each $5.50.

HYBRID RHODODENDRON. Crimson, lavender to pink, pink, red, rosy lilac, and white. 15 to 18 in., each $8.00.

Dwarf Evergreens

ARBORVITAE, Globe. Globes of dense, light green foliage. 15 to 18 in., each $4.00.

A. Biota (*Aurea nana*). Grows 4 to 5 feet tall. Pyramidal and compact in form; golden yellow in spring, turning reddish brown in winter. For edging and formal planting. 12 to 15 in., each $4.25.

JUNIPERUS chinensis Pfitzeriana. Low-spreading, dark green branches. 15 to 18 in., each $4.50.

J. chinensis Hetzi. Resembles Pfitzer Juniper. Fast-growing blue-green foliage; can be sheared. 15 to 18 in., each $4.25.

PINE, Mugho (Dwarf Pine). Valuable for its low, dense growth. Foliage deep green. Very hardy. Does well on hillsides. 15 to 18 in., each $6.75.

YEW, Spreading (*Taxus cuspidata*). Moderately bushy. Short, dull green leaves. Scarlet berries in autumn. Slow growing. 15 to 18 in., each $6.75.

Y., Spreading English (*T. baccata repandens*). Spreading, horizontal branches; dark blue-green foliage. Valuable in low plantings. Adaptable to sun or shade. 12 to 15 in., each $6.00.

Ground-Covers

ENGLISH IVY. The fastest-growing ground-cover. 2¼-in. pot plants. $3.50 per doz.; $25.00 per 100.

PACHYSANDRA (Japanese Spurge). A trailing plant, 6 to 8 inches high, forming a complete cover of bright, glossy green foliage and small spikes of flowers during May and June. $3.50 per doz.; $25.00 per 100.

VINCA minor (Periwinkle; Trailing Myrtle). An excellent dwarf trailing plant for carpeting the ground where it is too shady for other plants to thrive. $4.00 per doz.; $30.00 per 100.

Fruits and Berries

APPLE TREES
2-yr.-old, each $2.50

Winter Varieties

Jonathan. Hardy; productive.
Red Delicious. Red; fine grained.
Stayman (Imp. Winesap). Large.

Autumn Varieties

Grimes Golden. Good size; yellow.

Summer Varieties

Early Harvest. Medium. Pale yellow.
Yellow Transparent. Earliest. White skin changing to pale yellow.

5-N-One Apple Trees. One tree with five varieties. 2-yr.-old, 5 to 6 ft., each $5.50.

CHERRY TREES
2-yr.-old, each $3.25

Bing. Large, delicious black variety.
Montmorency. Sour. Bears last of June.
Napoleon. Large; sweet. Midseason.
Tartarian. Large, sweet, black. June.

QUALITY FIG TREES

Choice selection of several varieties. No other fruit tree will give more pleasure and profit. Ask for free literature at our stores. Each $2.00.

PEACH TREES
2-yr.-old, each $2.50

Belle of Georgia. Freestone; white flesh.
Elberta. Large; yellow flesh. Freestone.
Golden Jubilee. Early yellow freestone.
J. H. Hale. Golden yellow freestone.

PEAR TREES
2-yr.-old, each $2.75

Beurre Bosc. Brownish yellow. Delicious flavor. For late fall.
Bartlett. The best large eating Pear.
Kieffer. Large; golden yellow. Late.
Seckel. Small; sweet. Very popular.

PLUM TREES
2-yr.-old, each $2.75

Abundance. The popular early cherry-red.
Burbank. A well-known dark red; early.
Damson (Blue Shropshire).
Stanley. Blue. Prune type.

GRAPE-VINES
2-yr.-old, not postpaid

Caco. Large wine-red berries.
Concord. The standard black.
Golden Muscat. Each $1.50.
Niagara. White.

All Grape-Vines, except where noted, each 75c.; 6 for $4.25

RED RASPBERRY PLANTS
1-yr. No. 1 plants, not mailable

	5	10	25
Sunrise (Early)	$1 95	$3 50	$6 75
Latham (Late)	1 95	3 50	6 75
Indian Summer (Everbearing)	1 95	3 50	6 75

BLACK RASPBERRY PLANTS
1-yr. No. 1 plants, not mailable

	5	10	25
Cumberland	$1 95	$3 50	$6 75
New Morrison	1 95	3 50	6 75

BLACKBERRY PLANTS
1-yr. No. 1 transplants, not mailable

	5	10	25
Ebony King	$2 50	$4 50	$10 00

BOYSENBERRY PLANTS
1-yr. No. 1 plants, not mailable

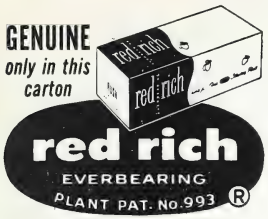
	5	10	25
Thornless	$2 50	$3 25	$6 50

BLUEBERRY PLANTS
12 to 18 in., 3-yr. No. 1 plants, not mailable

	Each
Rancocas (Early)	$1 65
Rubel (Midseason)	1 65
Jersey (Late)	1 65

DWARF AND SEMI-DWARF FRUIT TREES
2-yr.-old, No. 1, each $5.50

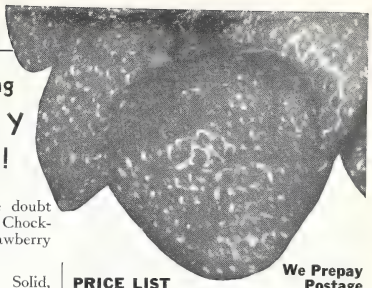
Enjoy a Strawberry Garden This Year!



YIELD: Loaded with fruit. Crop after crop the very first year. Pick 'em through fall's early frosts.

SIZE: Mammoth plants, beautiful berries. In University test Red Rich proved best of twenty-nine varieties.

the great everbearing STRAWBERRY that has everything!



TASTE: Red Rich banishes the doubt that everbearers can't be sweet. Chockfull of real, honey-sweet Strawberry goodness.

FREEZING: Freeze 'em whole. Solid, firm and red clear through. Wonderful shortcakes all winter long.

BEAUTY: They're royal plants. Tall, full, beautiful. Plant along walk, border, edge of evergreens, many places.

PRICE LIST	We Prepay Postage
12 Plants	$2 95
25 Plants	5 00
50 Plants	8 50
100 Plants	15 00
250 Plants	32 50
500 Plants	62 50

More and more folks want good freezing berries!

COLLECTION OF 100 PLANTS

50 JUMBO **50 PAYMASTER**

$6.50 postpaid

These are University-tested, June-bearing Strawberries chosen for their high freezing value.

JUNE-BEARING STRAWBERRY PLANTS

ARMORE. (Late midseason.) BIG is the word for Armore. Big producer. Big berries. Big harvests when other June bearers are through. In tests it proved more productive than over 200 other varieties. Tops in flavor and sweetness. 25 for $2.45; 50 for $3.45; 100 for $5.45; 250 for $10.95; 500 for $18.50, **postpaid.**

BELLMAR. (Early midseason.) Looking for the best freezing June berry of them all. This is it—BELLMAR. The berry that stood head and shoulders above others in University freezing tests. It's a dark red berry, long conic in shape. A good producer with a fine sweet flavor. 25 for $2.45; 50 for $3.45; 100 for $5.45; 250 for $10.95; 500 for $18.50, **postpaid.**

JUMBO TRADE MARK

(Midseason.) Jumbo has really jumped into popularity. It's the kind of strawberry that tastes as good as it looks. Deep red all the way through and honey sweet. In university freezing-tests Jumbo rated high and it is one of the heaviest yielding strawberries known. When you plan your strawberry garden for spring be sure to include Jumbo. 25 for $2.50; 50 for $3.95; 100 for $6.50; 250 for $13.50; 500 for $25.00, **postpaid.**

PREMIER. (Early.) One of the finest early June berries for your garden. Strong growing; productive. Great for dessert and canning. 25 for $2.25; 50 for $3.25; 100 for $4.95; 250 for $9.75; 500 for $16.25, **postpaid.**

PAYMASTER TRADE MARK

(Midseason.) Paymaster is a real beauty of a strawberry. Sparkling—radiant red. It is one of the varieties that rated high in university freezing tests. The berries are large and firm. It is a real producer too. Read what Peter Rudell, a midwest grower produced with Paymaster strawberries in the spring of 1955: He averaged 13,200 quarts per acre on three acres. Some strawberries! 25 for $2.45; 50 for $3.45; 100 for $5.45; 250 for $10.95; 500 for $18.50, **postpaid.**

TENNESSEE BEAUTY. (Midseason.) Medium red in color both inside and out. Highly productive and a good runner maker. Berries are large and firm. 25 for $2.25; 50 for $3.25; 100 for $4.95; 250 for $9.75; 500 for $16.25, **postpaid.**

EVERBEARING STRAWBERRY PLANTS

RED RICH. Plant Pat. 993. Refer to copy and prices above.

20th CENTURY. Highly recommended by Experiment Stations in many states; it rates superior in size, quality and production. Makes a vigorous growth of good-sized plants. Bright red berries of fine texture and excellent flavor. Bears fruit within 60 days after planting and continues until freezing weather. 25 for $3.10; 50 for $4.95; 100 for $8.75; 250 for $18.75; 500 for $34.25, **postpaid.**

SUPERFECTION. A thrifty plant. When set in spring, produces from August until freezing weather. Large, round, firm-textured berries. 25 for $2.75; 50 for $4.25; 100 for $6.75; 250 for $14.25; 500 for $24.00, **postpaid.**

POTTED RED RICH® for the late planted garden

If the spring planting season is past and you still want a Strawberry garden of fine Red Rich everbearing Strawberries, order Potted Red Rich in June, July, August. These are established in pots and shipped in soil in which they are grown. Vigorous, with undisturbed roots that keep right on growing. 12 for $3.95; 24 for $7.50; 48 for $12.50; 96 for $22.50, **postpaid.**

(Pat. 2,651,143 Pat. Pending)

PYRAMID® CIRCULAR TERRACED GARDEN

In ⅓ the space you can enjoy an abundant, full season's growth of everbearing Strawberries. Complete instructions with each shipment. Recommended for 50 everbearing Strawberry Plants.

LARGE PYRAMID (Four terraces, 6 ft. diameter). $9.95, postpaid.

Accessories for Large Pyramid

SUPPORT STRIPS

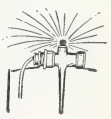
If you plan on using plastic cover or netting, strips must be installed first as support. **$3.95, postpaid.**

NETTING

Covers support strips and protects bed from birds. Also holds leaves in winter as cover. **$6.95, postpaid.**

PLASTIC COVER

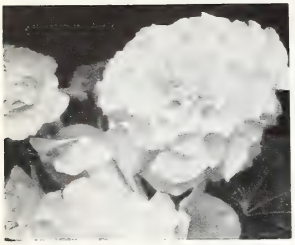
New type; weathers well. Acts as a cold-frame for early planting and as frost protection. **$6.95, postpaid.**



SPRINKLER

Complete, including copper tubing and hose connection at base. Runs through bed and out under bottom band to connect with garden hose. **$5.25, postpaid.**

Summer-Flowering Bulbs



Begonia, Double Camellia-flowered

Begonias, Tuberous-rooted

See page 4 of color insert.

Excellent pot plants for indoor blooming and may be grown outdoors in the summer in shady places where they receive plenty of moisture. For early bloom, start the tubers indoors in March or April in 6-inch shallow pots. Soil consisting of two parts loam, one part peat moss and one part well-rotted cow manure will give excellent results. Set outdoors in May in well-drained soil.

Double Camellia-flowered

An improved double strain which greatly resembles the camellia in form of flower.

Crimson Orange Salmon White
Blush-Pink Scarlet Yellow

Double Carnation-flowered

Frilled petals with serrated edges resembling a carnation.

Salmon White
Pink Red Yellow

Hanging-Basket Type

This is the Pendula or Lloydii type, often hundreds of blossoms to a plant. Excellent for hanging baskets and for rock-garden work.

Red Orange
White Rose Yellow

Crispa (Frilled Types)

Mixed colors only.

Rosebud Type

Mixed colors only.

Picotee or Double Marginata Begonias

Available in three color combinations:
Red edge on white
Pink edge on white
Scarlet edge on apricot

All Begonias listed above,
Postpaid, each 45c.; 3 for $1.20; doz. $4.50
Not postpaid, each 40c.; 3 for $1.10; doz. $4.00

Cinnamon Vine

A hardy climber which grows very rapidly. The foliage is bright green and the white flowers are cinnamon-scented. Postpaid, tubers, each 15c.; doz. $1.50.

Gloxinia

Montbretia

Mixed Colors. Somewhat like miniature gladiolus, in a brilliant color range. Set bulbs 3 inches deep and 6 inches apart in full sun. 6 for 75c.; doz. $1.40; 100 for $9.50.

Tigridia (Mexican Shellflower)

Hybrid Mixed. Beautiful tri-petaled flowers in a mixture of scarlet, rose, yellow and white. Treat same as Gladiolus. Postpaid, each 20c.; 3 for 50c.; doz. $1.75.

Hyacinthus candicans
(Summer-flowering Hyacinth)

A luxuriant, free-flowering plant bearing 20 to 30 bell-shaped flowers of creamy white in clusters on spikes 2 to 3 feet long. Postpaid, choice bulbs, each 15c.; doz. $1.50.

Caladium (Elephant's Ear)

Wonderful plants for lawns, borders or backgrounds. To obtain the maximum growth they should be planted in rich soil where they will get plenty of water. A full-sized plant will stand 6 feet high and bear immense leaves 3 to 4 feet long by 27 inches wide. They should not be planted outdoors until May 1, but to get them into early growth start in pots in the house.

Mammoth Bulbs, postpaid, each 85c. Not postpaid, each 50c.; doz. $5.50.

Fancy-leaved Caladiums

Fancy-leaved Caladiums

Gorgeous foliage. Plant outdoors in late April or early May. Excellent for window boxes and outdoor beds or borders.

Candidum. The leading white and green variety.
Itacapus. Dark red with bright red dots.
Mrs. W. B. Haldeman. Red center with narrow green margin. Illustrated on page 3 of color insert.
Pocile Anglais. Dwarf. Wavy leaf of deep crimson bordered metallic green. Very fine.
Stoplight. Shining crimson with bluish tints.
Triomphe de l'Exposition. Roundish leaf of bright red; dark green edge.

Any of above,
Postpaid, each 60c.; 6 for $3.25
Not postpaid, each 50c.; 6 for $2.75

Gloxinias

These colorful house plants may also be grown outdoors in summer. Culture same as for begonias.

Blanche de Meru. White bordered rosy red. Illustrated on page 2 of color insert.
Emperor Frederick. Scarlet bordered white.
Emperor William. Deep blue, bordered white.
Mont Blanc. Pure white.
Prince Albert. Dark blue.
Roi des Rouges. Deep red.
Tigrina. Spotted.

Any of above Gloxinias,
Postpaid, each 50c.; 3 for $1.35; doz. $5.00
Not postpaid, each 45c.; 3 for $1.20; doz. $4.50

Peruvian Daffodil

Peruvian Daffodil
(Ismene calathina)

A lovely white lily-like bloom with a greenish tinge. The bulb is not hardy and should be planted in the spring. It blooms within a few weeks after planting. As a general rule, the foliage is only partly developed at the time of its blooming period. It is fragrant and greatly admired by those who know it. Postpaid, each 75c.; doz. $8.00. Not postpaid, each 60c.; doz. $6.75.

Achimenes

Lovely lavender flowers for shady warm places. Equally suitable for house plants. The small root-like bulbs produce a plant 12 to 18 inches long and require at least a foot of space. Provide color all summer long. Postpaid, bulbs, each 25c.; doz. $2.75.

Hardy Amaryllis (Lycoris squamigera)

Produces attractive green foliage from early spring until July when it dies down. Then in August an umbel of lilac-pink, lily-shaped flowers appears. Cover bulbs 3 inches. Not postpaid, 75c. each. By mail, 95c. each.

Gloriosa superba (Climbing Lily)

Grows 6 to 10 feet high. Large, lily-like flowers that open bright yellow and change to deep scarlet. Blooms through summer and autumn. Postpaid, each $1.25; 3 for $3.25.

Madeira Vine

A very quick-growing vine bearing graceful feathery white flowers of a delightful fragrance. Postpaid, tubers, each 15c.; doz. $1.50.

Tuberoses

Excelsior Double Pearl. Delightfully fragrant white flowers. Plant in the garden as soon as all danger from frost is past. Postpaid, large bulbs, each 20c.; doz. $2.00. Not postpaid, each 15c.; doz. $1.75; 25 for $3.25.

Tuberoses

GLADIOLUS BULBS

Gladiolus

Plant groups of Gladiolus bulbs every two weeks, from April 15 to July 10, for bright masses of garden color all summer and plenty of cut-flowers. Plant the bulbs 4 to 6 inches deep and 6 inches apart. Always dust bulbs with Spergon Gladiolus Dust before planting.

All bulbs listed are 1½ inches in diameter or more.

Blooming Dates: (E) Very early, (EM) Early midseason, (M) Midseason, (LM) Late midseason, (L) Late to very late.

POSTAGE on Gladiolus: If shipment by Parcel Post is desired, add 30c. per doz. bulbs, 50c. for 100 bulbs to cover postage and packing for shipments east of the Mississippi.

RED AND SCARLET

Alfred Nobel. (L) Rose-red color with white markings. A tall-growing variety of unsurpassed habit and gorgeous rich color. Doz. $1.15; $8.00 per 100.

Marshall Montgomery. (M) Very dark, glistening maroon-red with scarlet shadings. Strong stem. Doz. $1.00; $7.50 per 100.

Sans Souci. (M) Tall, strong clear scarlet with a narrow white line on the lower petal. Doz. $1.15; $8.00 per 100.

ALL-AMERICA SELECTIONS

TWO 1957 INTRODUCTIONS

CARIBBEAN. Plant Pat. Applied for. (E) The delicate blue tones of this exciting novelty present an unusual combination of rare blue-violet embellished by a rich deep violet throat and a small cream spear. The first distinctly ruffled blue-violet Gladiolus. Each 50c.; doz. $5.00.

MAYTIME. Plant Pat. Applied for. (E) Gracefully ruffled, deep pure pink florets with contrasting large white throats. A long ribbon of color, with a silky taffeta sheen. Remarkably easy to grow. Each 50c.; doz. $5.00.

TWO 1956 INTRODUCTIONS

ROYAL STEWART. Plant Pat. 1339. Lightly ruffled florets 5 inches in diameter, of clear light red. The long flower heads frequently carry up to 12 flowers open at one time. Vigorous and healthy. Makes a striking picture wherever planted. Each 50c.; doz. $5.00.

APPLEBLOSSOM. Plant Pat. 1517. The predominating hue is snowy white, with a faint touch of cream in the throat and an exquisite flush of cool rose-pink at the edges of the petals. An exquisite new variety. Each 50c.; doz. $5.00.

ALL-AMERICA GLADIOLUS COLLECTION S-400

1 each of the four above for $1.75

BLUE

Gratia. (M) Pale blue, violet blotch, darker stripe. This is a variety of unusual and striking color, outstanding in the garden and for making flower arrangements. Doz. $1.15; $8.00 per 100.

PINK AND ROSE

Burma (Giant). (M) A very deep reddish rose with wide-open, heavily ruffled blooms. Ranks as one of the best of all Glads. Doz. $1.00; $7.50 per 100.

General Eisenhower. Very large flowers of begonia-pink. Slightly ruffled. Doz. $1.00; $7.50 per 100.

Picardy. Soft shrimp-pink. Very elegant and a long-time favorite. Doz. 85c.; $6.50 per 100.

Spic and Span. 75 to 80 days. Large. Beautiful deep pink with slight salmon shadings. A straight-growing, tall, rugged Glad with beautiful ruffled florets, ten or more open at a time. Doz. $1.15; $8.00 per 100.

LAVENDER AND PURPLE

Benjamin Britten. Deep lavender, approaching light purple. Fine white line on lower petals. Doz. $1.00; $7.50 per 100.

Elizabeth the Queen. (M) A beautifully ruffled lavender sort with a reddish stippled feather in the throat. Doz. 95c.; $7.00 per 100.

Memorial Day. Lovely purple with white line in the throat. Doz. $1.00; $7.50 per 100.

Puccini. (M) Lilac-purple color. A unique introduction with stately proportions which will be an asset in any garden. Doz. $1.15; $8.00 per 100.

YELLOW AND ORANGE

Bit o'Heaven. (M) A very tall, rich coppery orange. Vigorous grower. Long flower-spike. Doz. 95c.; $7.00 per 100.

Polygoon. (E) Butter-yellow color with carmine red feathered marks. This is a sensational and outstanding variety in color and habits which attracts attention in the garden and on the show table. Doz. $1.15; $8.00 per 100.

Spotlight. (M) Large. Clear medium deep yellow with small scarlet blotch in throat. Doz. $1.15; $8.00 per 100.

Yellow Herald. Clear amber-yellow with soft carmine deep in the throat. Large, wide-open blooms. Doz. $1.00; $7.50 per 100.

SMOKY SHADES

Silhouette. Lilac grey with rose. Doz. $1.00; $7.50 per 100.

CREAM AND WHITE

Florence Nightingale. 85 to 90 days. One of the best white Glads, slightly on the creamy side. Doz. 95c.; $7.00 per 100.

Snow Princess. (E) Generally considered the finest early, pure white Gladiolus. Large florets on tall, straight spike. Doz. 95c.; $7.00 per 100.

EXHIBITION MIXED GLADIOLUS

A carefully blended mixture with a wide range of colors. Illustrated on page 3 of color insert. Postpaid, doz. $1.00; $6.50 per 100. Not postpaid, doz. 80c.; $6.00 per 100.

Bolgiano's Cannas

Cannas bloom from early summer until frost. Set the plants 18 inches apart and 3 to 4 inches deep. Water well at all times.

Apricot. Buff-yellow base overspread with salmon-pink, making a mass effect of rich apricot. Green foliage. 4 ft.

City of Portland. Contrasting with the rich, deep green foliage are flowers of a bright pink color. 5 ft.

King Humbert. Large, heart-shaped, purplish bronze leaves forming a sharp contrast to the immense blooms which are velvety orange-scarlet, rose-tinted and margined at the base. 4 ft.

The President. Rich, glowing scarlet; superior in quantity and quality of bloom to any other red variety. Green foliage. 4 ft.

Yellow King Humbert. A sport of the well-known bronze-leaved variety, but with green foliage. Masses of golden yellow flowers, dotted red; occasionally some will be streaked red. 4 ft.

Any of above Cannas, postpaid, each 20c.; doz. $1.75. Not postpaid, each 12c.; doz. $1.25; $9.75 per 100.

Cannas

Ogden Reid

Jersey Dainty

Lady in Red

Betty Anne

Bolgiano's Dahlias

Dahlia tubers should not be planted until all frost danger is past. Set them in beds or borders in full sun. Rich soil containing plenty of humus will give best results. Dig a hole 5 inches deep and lay the tuber flat in the bottom. Cover with 2 or 3 inches of soil where drainage is good, and fill in gradually as the plant grows. Where drainage is poor, cover sufficiently so that water will not stand in the vicinity of the root. Drive a stout stake beside the plant and tie the canes to it for support. Cultivate, water and feed regularly during the growing season.

ABBREVIATIONS: (F.D.) Formal Decorative, (I.C.) Incurved Cactus, (I.D.) Informal Decorative, (M.) Miniature, (Pom.) Pompon, (S.C.) Semi-Cactus, (St.C.) Straight Cactus.

DECORATIVE AND CACTUS DAHLIAS

We pay postage on orders for named varieties of Dahlia tubers amounting to $3.00 or more. On orders of less than $3.00 add 35c. for postage and packing.

Autumn Shades

Arthur Godfrey. (F.D.) A beautiful Orient-red with orange or buff shadings. On three Honor Rolls, and certified at Atlanta and Rutgers. Wonderful vitality, rugged foliage, always in bloom. Each $1.50.

Golden Treasure. (F.D.) Barium-yellow, lightly suffused at center with nasturtium-orange. Good substance, profuse bloom and long strong stems. On three Honor Rolls. Each 75c.

Jane Cowl. (I.D.) Warm buff and old-gold blending to apricot and rose at the center. Fine for cutting and exhibiting. Very widely grown. Each 75c.

John Butterworth. (I.D.) A very pleasing light blend that we highly recommend. Camellia-rose shading to buff toward base of petals. Early and different. Each $1.50.

Noelle Watson. (F.D.) Camellia-rose shading darker on the edge of petals, with buff and old-gold shadings in center of bloom. Very striking and unusual. Each $1.50.

Pink and Rose Shades

Bond's Memory. (S.C.) An attractive light blend. Rose-pink, shading lighter, with white at center. Early, good grower and most pleasing. Each $1.00.

D-Day. (F.D.) A very pretty one-tone bright rose. Excellent cut-flower. Each 50c.

George Wilson. (F.D.) A very attractive clear light phlox-purple with lighter shadings. Fine form and size. A popular show winner. Each $1.50.

Jersey Beauty. (F.D.) Very widely grown and known. Beautiful pink tone; perfect form and long stems. Each 75c.

Ogden Reid. (I.D.) A real exhibition Dahlia of bright rose with gold shadings. Produces exhibition blooms. Each $1.00.

Dwarf Mixed Dahlias. Composed entirely of the dwarf bedding types. Especially desirable for cutting. Postpaid, each 30c.; $2.50 per doz. Not postpaid, each 20c.; $2.00 per doz.

White Shades

Faithful. (S.C.) One of the best and largest white Semi-Cactus. Blooms always full centered. Each $1.00.

Jersey Dainty. (St.C.) White faintly tinged lavender but almost pure white late in the season. Fine for exhibiting and cutting. Healthy plant. Each 50c.

White Winner. (I.D.) More petal substance than any other white we have grown. Early. Each 75c.

Red Shades

Gretel. (S.C.) Soft fiery red. Early, profuse and a good keeper. Each 50c.

Lady in Red. (S.C.) A bright scarlet-red that is a good cut-flower. Fine form and color. Vigorous grower. Each 75c.

Mrs. Hester A. Pape. (I.D.) Indian lake or ruby-red. Needs part shade. Each $1.50.

Zuiwn. (S.C.) A bright crimson-carmine of very pleasing form on wiry stems. At times a Straight Cactus. Excellent for cutting. Each 50c.

Yellow Shades

Bessie Hardress. (I.D.) Soft mimosa-yellow with pastel mauve shadings. Very popular. Classified Formal but breaks Informal at times. Each $1.00.

Debut. (F.D.) Stunning light primrose with exceptionally large petals and blooms. Healthy, vigorous. Each $1.00.

Gay. (F.D.) Primrose-yellow with cleft petals. Fine keeping qualities and perfect foliage for a cut-flower. Each 75c.

Gold Coin. (I.C.) Light chrome-yellow with faint rose suffusion at center. Tightly rolled petals, incurved. Each $1.00.

Special Large-Flowering Mixed Dahlias

Over 20 varieties of all large-flowering Dahlias in this Special Mixture make it a "must" for your fall garden.

Illustrated on page 2 of color insert.

Postpaid, each 30c.; $3.25 per doz.
Not postpaid, each 25c.; $2.75 per doz.

Purple Shades

Dr. John F. Morse. (I.D.) Velvety dark reddish purple. Does not burn or fade easily. A strong grower. Each $1.00.

Jeanette. (F.D.) Pansy-purple neatly tipped white. Large. Rugged growth. Each 75c.

Nancy Scharhag. (I.D.) Similar in color but better than Pearl Harbor. A darker sport of Dixie's Wine Dot. Each $1.00.

Ray Smith. (S.C.) Light phlox-purple or soft mauve with lighter tips. Each $1.00.

DAHLIAS OF THE SMALLER TYPES

Betty Anne. (Pom.) Soft rose-pink, inclined to violet-rose. Small, uniform blooms on a healthy bush. Each 50c.

Bo Bo. (M.F.D.) Bright primrose-yellow suffused rose-red. Long stems and good form. Excellent for arranging. Each 50c.

Cheryl Anne. (M.F.D.) Light primrose-yellow, with each petal edged lighter. Wonderful bush growth and myriads of blooms. A real winner. Each $1.00.

Fairy. (M.F.D.) A soft violet-rose shading mauve at tips. Each 50c.

Hazel Harper. (M.St.C.) A most pleasing and outstanding rhodamine-pink shading lighter at center and tips. Won the Derrill W. Hart Memorial Medal and is on the Flower Grower Honor Rolls. Each $1.00.

Ike. (M.F.D.) Blood-red blooms with many laciniated petals. Does well in the South. Each 75c.

Little Lemon Drop. (M.I.D.) Early. Intense lemon-yellow. Fine for cutting or exhibiting. Each 75c.

Look. (M.I.D.) Lively carmine and white bicolor. Early; profuse. Each $1.00.

Mary Munns. (Pom.) One of the best in phlox or maflow-purple. Each 50c.

Morning Mist. (Pom.) White tipped lavender and rosy lavender at the center. Very popular for cutting. Each 50c.

White Fawn. (M.F.D.) Popular pure white. Rugged bush, heavy foliage; prolific. Each 50c.

Yellow Gem. (Pom.) Clear canary-yellow of fine form. Old, but still a good cut-flower. Each 50c.

BIRD HOUSES—FEEDERS—FOODS—BATHS

New Jr. Hylife Feeder

Durable aluminum roof and tray with unbreakable seed reservoir. An ideal gift. 7½ in. x 10 in. **HY27.** $2.95.
CL55. Plastic Hanging Feeder. $1.50.

I'm Diogenes

Seeks out hungry birds. Feeds seed automatically. Authentic old-fashioned lantern design. Made of sturdy, shaped metal. Glass chimney. Easy to install. **No. IDA.** $5.45.

Bird's Dinner Pail

Answers popular demand for a "hang anywhere" feeder that all birds will use. Unique in design. Individually cartoned. Filled with a pint of new type bird food. **No. DP4.** Filled. $2.75.

HYDFEEDERS

Community Diner

Especially for perching birds, catbirds, mockingbirds, cardinals, purple finches, etc. **No. CDD.** Filled. $1.95.

The Gridiron

An ideal feeder for cardinals, blue jays, catbirds, mockingbirds, etc. Bird lovers endorse it. Individually boxed. **No. G1.** $1.65.

Festive Board W-1

Ready-to-use window-sillfeeder at unbelievably low price. Filled with 12 tidbits. 24 in. long. $1.95.

Bird's Filling Station

Holds two kinds of cake, 4 to 5 lbs. seed. Automatic fill from clear-view hopper. Won't tip or spill. **No. BH52.** $4.95

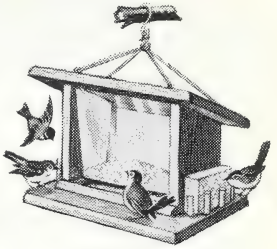
HYDHOMES

No. V1

The Wren

Elliptical hole made especially for Wrens. Scientifically constructed.

V1. The Wren.... $3.95
V2. The Chickadee 3.95
V3. The Bluebird.. 3.95
V4. The Robin.... 3.95

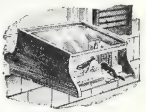


New Bird Land

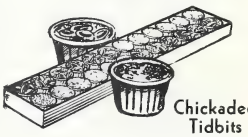
A popular-priced ranch-style feeder. Has all the features found exclusively in HYDE feeders. Cake holders. Simple, rain-proof, top filling. 8½ in. x 9½ in. x 12 in. **HF57.** $4.95.

Bird Cafe

Attaches easily outside any window sill. Installs from inside, using only a screwdriver. Glass tops keeps food dry.
No. W16. $5.95.
No. W25. $6.95.



HYDFOODS



Chickadee Tidbits

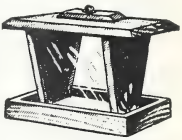
Assorted seed suet and pressed peanut suet, molded into paper cups. Used as refills for HYDFEEDERS CDA, CDD, WI, G3. Box of 24 cups, $1.25.
BB2. Peanut Suet Cake.
SS1. Seed Suet Cake.
Either cake, 35c each; 3 for $1.00

No. 1603. WOODLAND WINDOW OR HANGING FEEDER of California Redwood. A very inexpensive feeder, including about 12 ozs. of suet and seed in 2 cones with a place for seed. 16 in. long, 6 in. wide, 7 in. high. $3.25.

No. 21. Steel Post Feeder. Here is a feeder that can be placed anywhere in the garden. 6-foot solid steel post comes in three sections ready to be fitted together. Hood and tray made of steel; hopper thick plastic. Holds 2½ lbs. $6.25.

No. 755. WOODLAND CLEAR-VIEW FEEDER

The most widely sold feeder in America today. Made of California Redwood and sturdily built. Holds about 4 lbs. feed. 11 in. long, 8 in. wide, 8 in. high. $3.98.



No. 721. WOODLAND PEANUT BUTTER BALLS

The most unusual design of wild bird food. Birds will cling to the ball exactly as shown. Contains peanut butter, suet and seed. Wrap wire around branch of tree. Box of 4, $1.65.

"Safe'n Lite"—All Metal Bird Bath

Flowerbed Bird Bath

Ornamental to any lawn or flower bed, large or small. No danger if tipped over by youngsters. The two-level bowl is especially designed for small and large birds, for drinking, playing, bathing. Height above ground: 28 in. Bowl is 16½ in. across, 2 in. deep, holds 4 qts.

Flowerbed Bath. Wt. 6½ lbs.. $4 95
Lawn Bath. Wt. 11 lbs..... 8 95
The Aristocrat. Wt. 17 lbs... $15 00

ALSO POTTERY BIRD BATHS

No. 16. Nutone white.....$9 95
No. 18. Creamy white..... 5 25
No. 20. Tantone.....$5 70
No. 9. Bisque white..... 4 25

No. 1605. WOODLAND PLASTIC AND COATED STEEL SEED FEEDER.

Beautifully designed, large-capacity feeder. Holds about 8 lbs. of seed. 15 in. diam. top, 12 in. high. $6.50.

BOLGIANO'S BLOOD-TESTED BABY CHICKS

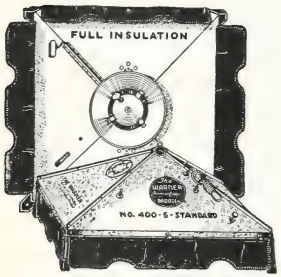
Bred for Constitutional Vigor and Heavy Egg Production • Strong, Healthy, Lively Chicks

VARIETY

S.-C. White Leghorns — **New Hampshires**
Barred Plymouth Rocks — **White Rocks**

WRITE FOR PRICES
AS SEASON ADVANCES PRICES DECLINE

Be sure when writing us that your full name and post office is very plainly given. State plainly the number and variety of Chicks you want, when wanted, and we will acknowledge receipt of your order at once, and tell you as near as possible when the Chicks will be shipped. Cash must be sent with your order, for we cannot ship C. O. D., by Express or Parcel Post. We guarantee to deliver 97 per cent of the Baby Chicks to you in good condition.



WARNER ELECTRIC BROODERS 110 Volt A. C.

SPECIFICATIONS ON No. 400S

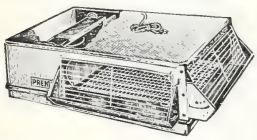
52 x 52 in. square canopy, fully insulated with ¼-in. thick Masonite except for the peak, which carries a 16-in. square heavy metal heater support and reflector plate. This reflector plate also provides a dead air space above the heater for extra insulation. Fully plated reflectors and one 800-watt Chromalox unit provide adequately for 400 chicks even during severe weather. Attraction light inside and pilot light outside.

Blue denim curtains, regular Warner switch, adjustable legs. Shipping weight 56 pounds. K. D. $37.00.

SPECIFICATIONS ON No. 200S

Same construction as 400S except that the No. 200S (200-chick capacity) is 36 x 36 in. square and equipped with 500-watt Chromalox unit. Shipping weight 35 pounds. K. D. $31.00.

New Premier Deluxe Chick Starter



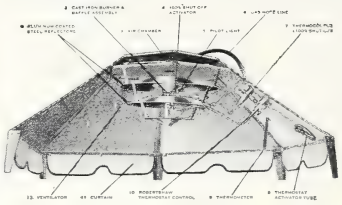
No. 302. Aluminum reflector. 200-watt Chromalox heater, furnished with infra-red heating rays. Micro switch and wafer control. 24-gauge galvanized frame. Over-all size 32½ x 40¾ x 11¼ in. Head room 9¼ in. Removable top, dropping pan and 3 feed and water troughs. Adjustable grills. Heavy 6-foot Underwriters Laboratories approved cord and plug. Special heavy (chrome-like) plated woven wire floor. Weight 45 lbs. K.D. $21.80.

No. 305. Finishing Battery Section. 24-in. gauge galvanized frame. Over-all size 34 x 41¼ x 15½ in. Head room 13 in. Complete with 3 feed and water troughs and grills. Heavy ¾-inch woven wire floor, plated (chrome-like) finish. Weight 38 lbs. K.D. $19.50.

No. 305C. Galvanized Cover. Weight 6 lbs. $2.48.

No. 310. Caster Truck. Heavy 18 gauge. Painted red. Weight 18 lbs. $9.75.

WARNER GAS BROODER—Simple to Operate



It's easy to light the Warner Gas Brooder and just as easy to regulate. A dial on the canopy exterior lowers or raises the temperature as required. Equipped with a "simmer" burner and pilot light. During cold brooding weather main burner can be set to burn at "simmer" flame constantly, except when brooder requires greater heat output. Then, thermostat automatically increases flame size. Flame is automatically reduced when desired temperature is reached. Either bottled or natural gas can be used.

No. 772. Hexagon-shaped canopy, 72 in. diameter. Pulley and rope attachment furnished. Shipping weight 85 lbs. K.D. Less 100% shut-off. $53.25.

Shenandoah Coal-Burning Brooder

The Shenandoah Coal-burning Brooder is a vast improvement over ordinary coal-burning brooders, in that the new dual control draft regulator assures highly efficient and dependable regulation constantly. This new control also effects notable fuel savings while maintaining adequate brooding temperatures.

Heavy gauge galvanized steel canopy in six sections; one section hinged, revolves on cast iron rings fastened to the top of the stove, thereby affording instant access to any part of the stove.

Many customers are successfully using a good grade of nut size soft coal.

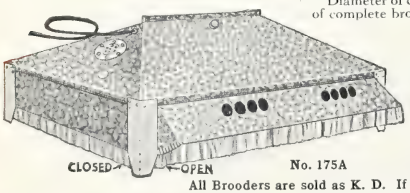
Diameter of canopy 62 in. Shipping weight of complete brooder 150 lbs. $59.00.

The New Infra-Red Brooder

The new Infra-Red Brooder is new in design, safe, reliable, sturdily built. Embodies many new features, newest type thermostat control (which actuates two heat bulbs), three 10-inch chains fastened to fixture furnished, 6 ft. of heavy duty SJ cord, large 18-in. diameter wire guard riveted to fixture (guard helps protect bulbs from breakage in case fixture falls). **Completely assembled** and priced to meet the keenest competition. 500-chick capacity.

No. RT-711. Without bulb. Infra- Red Brooder 4 bulbs..... $12 90
No. RC-740. Without bulb. Infra-Red Fixture 1 bulb..... 4 70
No. 250-W. White bulb (standard).. 1 10
No. 250-H. Ruby Bulb (hard glass).. 2 95
No. 250-LG. 250-watt Standard Supreme Low Glare Bulb..... 1 95

Shipping weight for No. 711 and No. 714, 5 lbs.



No. 175A

ELECTRIC BROODER

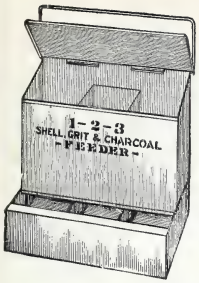
No. 175A. 32 x 38 in., 150 chicks. Weight 30 lbs., automatic. K. D. $19.25.

Wood-Burning Brooders

No. 24B. A square, electrically welded steel stove. Hover size 51 x 51 in. 500-chick capacity. Shipping weight 130 lbs. With steel door. K.D. $47.50.

All Brooders are sold as K. D. If to be set up, add $1.50 each.

POULTRY SUPPLIES

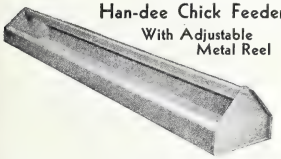


Shell and Grit Feeder

Will hold one, two or three kinds of feed at the same time.

	Compartments	Mailing weight	Price
No. 310.	3	3 lbs.	$1 85
No. 312.	3	4 lbs.	2 60

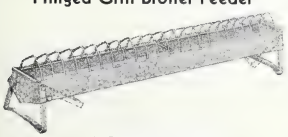
Han-dee Chick Feeder
With Adjustable Metal Reel



The carefully constructed body is 2 in. deep and 4 in. wide. The easily revolving metal reel is neatly made of "A" quality material. This feeder is a real value.

No.	Length	Weight	Price
No. 25.	24 in.	2 lbs.	$0 80
No. 236.	36 in.	3 lbs.	1 20

Hinged Grill Broiler Feeder



A Popular Seller

This sturdily built Feeder is equipped with adjustable iron legs that make it practical for growing chicks. Easily adjusted in graduated heights from 4 to 7 in.

Heavy grill—Clean-up V-shaped bottom Extreme dimensions, 4 in. deep, 7 in. wide

No. 481. 4 ft. Weight 8 lbs. $3 05

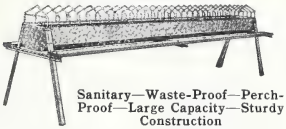
Han-dee Wire Grill Feeder

With Stand-Rite Adjustable Ends

This grill chick Feeder is preferred by many because it offers a perfect guard to keep the chicks out of feed and prevents waste. Trough is 4 in. wide and 2 in. deep. The correctly spaced grill hinges on feeder.

No. 246. 36 in. Weight 3 lbs. $1 55

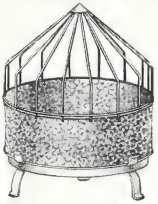
Cyclone Longfellow Feeder



Sanitary—Waste-Proof—Perch-Proof—Large Capacity—Sturdy Construction

No. 405. The legs of sturdy ⅛-in. angle iron support the feeder 18 in. above the ground, which gives the fowls use of entire space under feeder. Perches are constructed in one piece, 1 x 3 in. Length 5 ft. Capacity 1½ bu. Shipping weight 25 lbs. $8.50.

Round Grill Waterer and Feeder
With Hi-Lo Stand



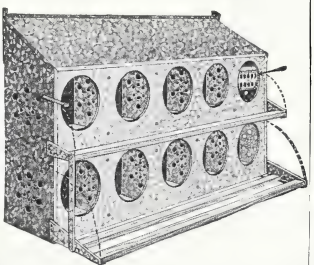
No. 39. Ideal for feeding table scraps. As illustrated. Diam. 14 in. Capacity 3 gals. Shipping weight 7 lbs. $3.00.

Repeater Chick Trough
With Metal Reel

Substantially made from galvanized rust-proof sheet iron stamped from one piece with no soldered seams. Turned-in lip on each side prevents waste of feed. May be used for feed or water. Width 3⅝ in.

No. 424. 24 in. Weight 2 lbs. $0 60

Sanitary Steel Laying Nests



55 in. long. Sections approximately 12¼ x 13 x 10½ in. Diameter of hole 8 in. All sides ventilated. Folding perches, sloping perch-proof top, smooth edges, open backs for easy cleaning, extra heavy galvanized material. Lice and mite proof.

No. 110. 10 Nests without traps. 45 lbs. $18.50.

No. 106. 6 Nests without traps. 28 lbs. $12.90.

Slide-Top Feeder

Extra heavy, die-stamped, galvanized feeders; smooth, turned edges on holes. Two sizes.

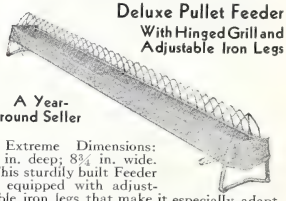
No. B-12. Length 12 in.; 16 holes $0 45

No. B-18. Length 18 in.; 34 holes 55

Poultry, Bird-Feeds and Litter

Bolgiano is headquarters for Poultry and Bird-Feeds including Scratch Feed, Chick Grains, Poultry Mash Feed, Crushed Oyster Shells, Charcoal, Cracked Bone and Seeds for Pigeons, Parrots and Canaries, Meat Meal, Sunflower Seed, Baby Chick Starter, Staz-dry, Peat Litter. Prices on request.

Deluxe Pullet Feeder
With Hinged Grill and Adjustable Iron Legs



A Year-round Seller

Extreme Dimensions: 5 in. deep; 8¾ in. wide. This sturdily built Feeder is equipped with adjustable iron legs that make it especially adaptable for growing stock, hens, turkeys and ducks.

No. 461. 5 ft. Weight 15 lbs. $4 95

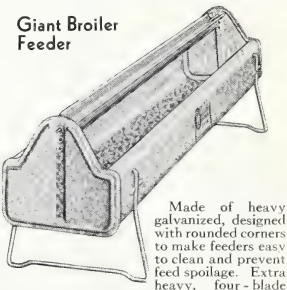
Premier Chick Feeder and Flock Feeder

Made from galvanized prime steel, stamped from one piece. Edges turned to conserve feed. Furnished with four-blade painted steel reel. Two sizes.

No. 58. 12 in. Weight 1 lb. $0 45

No. 61. 24 in. Weight 1½ lbs. 80

Giant Broiler Feeder



Made of heavy galvanized, designed with rounded corners to make feeders easy to clean and prevent feed spoilage. Extra heavy, four-blade painted reel, adjustable to four positions. Adaptable for feeding growing birds, broilers or pullets.

No. 604. 48 in. long, 7 in. wide, 3½ in. deep. Capacity 27 lbs. Weight 9 lbs. $3.60.

No. W-160. 60 in. long, 9 in. wide, 4 in. deep. Capacity 39 lbs. Shipping weight 15 lbs. $6.30.

Items unable to supply will refund or substitute. Parcel post charges extra and must be included in your remittance

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

POULTRY SUPPLIES, continued

Gallon Glass Fountain

For Water, Milk or Medicine

Ideal for starting chicks, broilers or poults.

No. G-2. One-gallon glass Fountain. New design polystyrene plastic base, rigid in construction, non-corroding, non-rusting. Base is 8¼ in. diameter, 1½ in. deep. Fountain has 4¾-in. opening. Shipping wt. 4 lbs. $1.20.

No. 12G. HY-LOW stand for No. G-2 fountain. 30c.

Standard Float Valve

A perfect automatic Valve and Float for regulating the flow of water in drinking pan or trough.

This Valve may be adjusted to bring water-level to the height desired. It is threaded for ½-inch iron pipe thread. Pan is not furnished. $1.85.

Cyclone Electric Fountain

Standard fountain. Built-in practical heater. Costs no more than ordinary light bulb to operate. For 110–120 Volt A. C. Trouble-free —safe. Fully guaranteed.

AUTOMATIC

No. 305EA. 5 gal., 18 lbs. $10.75.

Handy Sanitary Fount

No. 302. 2 gal. $2.50.
No. 303. 3 gal. Weight 6 lbs. $3.80, less stand.
No. 305. 5 gal. Weight 14 lbs. $5.05, less stand.
No. 308. 8 gal. Weight 16 lbs. $7.00, less stand.
Stands, 35c., 50c., and 60c.

Egg Scale

There are no springs —nothing to wear out. The dial is set on an angle for easy reading and shows both the weight per dozen and the actual weight of the egg. Attractively finished and carefully packed.

No. 580S. Scale with Automatic Stop. $2.00

Electric Egg Tester

No. 700

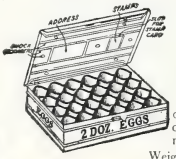
No. 700. Here is an Electric Egg Tester that will save time. It is durable, strong, very accurate, and easy to use. $2.25.

Egg Boxes

White Chief. 2 x 6—Case of 250 . . . . $6 25
Moulded. 3 x 4—Case of 250 . . . . . 4 10
Eagle. 3 x 4—Case of 250 . . . . . 3 50

Egg Case Fillers

	Weight
One set of 10 (30 doz.) .	4 lbs. $0 55
10 sets	50 lbs. 3 75
Flats (100)	. . . . . 1 85



Aluminized Metal Egg Crates

Metal Egg Crates do not require any outside wrapping for mailing.

Size	Weight Empty
2 doz. All eggs.	3 lbs. $2 25
3 doz. All eggs.	4 lbs. 2 75
4 doz. All eggs.	5 lbs. 3 25
6 doz. All eggs.	6 lbs. 3 75

No. 200E. Electric Fountain Heater . . 5 10
No. 200EA. Electric Fountain Heater. (Automatic) 6 90

Hog Feeder

Cafeteria hog feeders save feed and make hogs gain weight faster. Strongly braced and reinforced. Self-closing lids 20-gauge galvanized steel. Hinged roof. Shipped set up.

No. 702. Length 2 ft. 4 doors. Capacity 11 bu. Weight 108 lbs. $44.10.

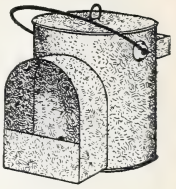
No. 704. Length 4 ft. Capacity 22 bu. Four doors on each side. Shipped set up. Weight approx. 200 lbs. $75.00.

Hog Troughs

The trough ends are die-stamped and well beaded to give almost unbelievable strength. Edges rolled.

No. 824. 16 gauge. Length 2 ft. Weight 15 lbs. $3.40.
No. 848. 16 gauge. Length 4 ft. Weight 25 lbs. $5.15.

Two-Piece Clean-Out Fountains



Top section slides into bottom section. The latest and most practical sanitary Fountain on the market.

	Capacity	Mailing weight	
No. 210.	4 qts.	3 lbs.	Single mouth . $2 50
No. 212.	8 qts.	4 lbs.	Single mouth . 2 75

We carry feed for every need in Purina Chow for livestock and poultry. Let us quote prices.

Premier and Warner Fountains

No. 73. 3 gal. Weight 7 lbs. $4 50
No. 75. 5 gal. Weight 12 lbs. 5 45
No. 71. 1 gal. Snap on. Weight 2 lbs. . . . 1 40

No. 7

Fountain and Feeders

Very substantial pan with heavy rolled edge and electric welded center. Can be used for chick-feed as well as water. The glass fountain is designed for dispensing buttermilk and sour milk, also medicine. We do not furnish the glass jars.

No. 569. Glass $0 15
No. 7. Galvanized 17

Red Rose Guaranteed Feeds

A balanced feed for every farm need today and in the future. Write for prices.

Trumble Electric Automatic Water Warmer

Submerge in water 2 inches. $6.45.

Stock Tank—Round Ends

New tube-top construction is stronger. All our stock tanks are made from 20-gauge prime galvanized steel.

No. TT 224. 2 x 2 x 4 ft. $24 25
No. TT 226. 2 x 2 x 6 ft. 33 50
No. TT 2528. 2½ x 2 x 8 ft. 46 75

ITEMS UNABLE TO SUPPLY WILL REFUND OR SUBSTITUTE
PARCEL POST CHARGES EXTRA AND MUST BE INCLUDED IN YOUR REMITTANCE
ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

POULTRY REMEDIES

Lee's Remedies

Lee's Alkaline Hog Powder. Recommended for pigs after worming and after vaccination, for sows before and after farrowing, for anemia in suckling pigs and as a tonic for pigs of all ages. It is adapted to many easy methods of administration. Full directions are given on the package. Lb. $1.00.

Lee's Acidox. An aid in the treatment of all six kinds of coccidiosis. Add 1 tablespoonful of Acidox to each gallon of clean drinking water (1 teaspoonful to each quart) *every other day* for two weeks. On days in between when Acidox is *not* used, add *Germozone* to the drinking water (2 tablespoonfuls to each gallon, 2 teaspoonfuls to each quart).

4 ozs. (enough for 100 chicks) $0 50
12 ozs. (enough for 300 chicks) 1 00
32 ozs. (enough for 800 chicks) 2 00

Lee's Blitspray. *The last word in lice control.* No method for controlling body lice of poultry could be easier. With Blitspray you simply spray the birds themselves after they have gone to roost.

Pt. $0 75
Qt. 1 25

Lee's Canker Ointment. Especially formulated for the control of ear canker in rabbits, dogs, cats and other livestock. It is easy to use and effective. Since it contains powerful and penetrating agents for killing mites, Lee's Canker Ointment can be used for skin mange as well as ear mange on small animals. 2 ozs. $1.00.

Lee's Dog Wormer Capsules. Recommended for the removal of roundworms, tapeworms and hookworms. It is important to worm your pet, since many dogs and most puppies are infested with one or more kinds of intestinal worms. 60c.

Lee's Flock Wormer. A new and convenient aid to worm control. Easy one-day treatment. For the control of large round worms and cecal (pin) worms in chickens and turkeys.

8 ozs. ..... $1 00 | Lb. $1 80

Lee's Gizzard Capsule. A triple combination worm medicine containing Kamala (for tapeworms), nicotine sulphate (for roundworms), and Pyrethrum (for pinworms)—all in an *insoluble* capsule. Five times as effective as worm remedies given in food or drink.

For Adults. 50-cap. pkg. 75c.; 100-cap. pkg. $1.35.

For Pullets. 50-cap. pkg. 60c.; 100-cap. pkg. $1.10.

Lee's Germozone. Germozone is a liquid which should be added to the drinking water three times a week as a safeguard against white diarrhea, coccidiosis, poisoning, digestive disorders and disease germs. 4-oz. bottle 50c.; 12-oz. bottle 90c.; 32-oz. bottle $1.75; ½-gal. bottle $3.00; gal. bottle $5.25.

Hog Oil Wormer. For control of large roundworms.

Qt. $2 00

Leemulsion. Recommended for symptoms of colds, coughing and bronchitis in poultry, pigs and hogs. LEEMULSION is easily mixed in the feed and can also be used as a spray.

4 ozs. ..... $0 60 | ½gal. $4 00
12 ozs. ..... 1 25 | Gal. 7 50
Qt. ..... 2 50 |

Lee's Ka-Pons. For increasing weight, improving quality and flavor, reducing feeding period, increasing number of top grade birds and reducing loss from fighting males. 100 tablets $2.50.

Lee's Ka-Pon Repeater Injector. Has rapid and positive action. Surgical steel needle cuts, doesn't tear; makes smaller incision. Visual slot in needle. Easily cleaned and sterilized. $5.25.

Lee's Lice Powder.

Lb. ..... $0 35 | 2½ lbs. $0 70

Lee's Sulfamerazine

It gets into the blood stream in a hurry, to curb death loss from pullorum in chicks. This same virtue of speedy action is valuable in actual outbreaks of cecal coccidiosis.

4-oz. bottle .. $1 25 | 32-oz. bottle .. $7 50
12-oz. bottle .. 3 00 |

Lee's Tonax. A tonic and conditioner for chickens and turkeys.

2-lb. can .... $1 00 | 25-lb. pail $9 50
6-lb. can .... 2 65 |

Lee's Vapo-Spray. For colds and roup.

1-pt. can .... $0 60 | ½-gal. can $1 50
1-qt. can .... 90 | 1-gal. can 2 50

Lederle Remedies

Aurovim Poultry Formula. Contains Aureomycin for poultry feed or drinking water. Lb. $3.15.

Aureomycin T.C-5. For prevention and treatment of swine enteritis. Lb. $2.05.

Enheptin. For blackhead in turkeys Can be used, mixed in mash, either to control blackhead after an outbreak starts or to prevent outbreaks of blackhead, by feeding smaller amounts of the drug continuously to the flock. ½lb. $2.50; 5 lbs. $20.00.

Enheptin Soluble Powder. For use in drinking water. ½ lb. $4.20.

Sulmet Solution, Lederle

For checking immediate mortality in acute fowl cholera and pullorum disease, and for control of cecal coccidiosis in chickens.

4 fl. ozs. .... $0 95 | 32 fl. ozs. $5 70
16 fl. ozs. .... 3 05 | Gal. 15 00

Pik-No-Mor

An anti-pick preparation for poultry. Unusual adhesive properties. It sticks permanently, and the taste and odor is repulsive to chicks and adult birds. Stops cannibalism and toe-picking. 2-oz. jar 35c.; 5-oz. jar 60c.; 1-lb. jar $1.25.

All Prices Are Subject to Change Without Notice

Liquids Not Mailable

Pratt's Remedies

Animal Regulator. Keeps stock in the pink of condition. Contains "trace elements" and vitamin D. 2½ lbs. $1.00; 6 lbs. $2.00.

Pratt's Bag Ointment. Jar 65c.

Cattle and Barn Spray. Kills and repels stable, horn and house flies. ½pt. $1.00; pt. $1.75; qt. $3.25; gal. $12.50.

Pratt's Cow Tonic. An appetizer, tonic and mineral supplement for dairy cows and calves. Small size 75c.

Pratt's Fly Bomb. Will protect livestock against mosquitoes, horn flies, stable flies and home flies. 12 ozs. $1.65.

Pratt's Fly Spray. Kills and repels stable, horn and house flies. Qt. 85c.; gal. $1.70.

Pratt's Poultry Tablets. Use in drinking water. Saves chicks. Gives all-day protection—not just a few hours. 35c. and 70c.

Pratt's Disinfectant. For dipping and spraying poultry and stock. Pt. 65c.; qt. $1.00; gal. $2.25.

Pratt's Swine Builder is a concentrated form of vitamins, trace minerals and antibiotics. It also contains Nux Vomica, which helps to improve the appetite. Recommended for young pigs; also for growing and fattening of pigs. Lb. $1.10; 5 lbs. $4.50.

Pratt's One Day Hog Wormer. For the removal of large round worms (ascarids) and nodular worms from swine. One pound will treat 33 pigs weighing 40 to 45 pounds. 8 ozs. $1.25; 16 ozs. $2.25.

Pratt's Powdered Lice Killer. In sifter cans for use in dust-baths, nests, etc. 50c. and $1.00.

Pratt's Poultry Regulator. Guaranteed to produce more eggs in 15 days or money back. Shortens molt. Builds vitality. Keeps young birds growing like weeds. 2 lbs. 65c.; 6 lbs. $1.75; 12 lbs. $3.00; 35 lbs. $7.50.

Pratt's Roost Paint. Kills lice and mites. ½pt. 90c.; pt. $1.40; qt. $2.15.

Red Mite Special. Kills many insect pests in the poultry house. Pt. 70c.; qt. $1.25; gal. $4.50.

Pratt's "Split-Action" Capsules. Contain the new miracle wormer, Phenothiazine. More effective. Easier on birds.

For Adults. 50 caps. 85c.; 100 caps. $1.50; 500 caps. $6.00; 1000 caps. $11.25.

For Pullets. 50 caps. 55c.; 100 caps. $1.00; 500 caps. $4.35; 1000 caps. $7.35.

Pratt's Sul-Plus. An aid in the control of outbreaks of cecal (bloody) coccidiosis in chicken flocks. 12 ozs. treats 50 lbs. mash. 6 ozs. $1.25; 12 ozs. $2.25; 24 ozs. $4.00.

Pratt's Sulfaquinoxaline. For the control of coccidiosis in poultry and for checking immediate mortality in outbreaks of acute fowl cholera. Pt. 95c.; qt. $1.65; gal. $5.40.

Pratt's Worm Powder. Roundworm flock treatment for use in mash. Easy, quick, effective. 8 ozs. $1.00; lb. $1.85.

Pratt's Liquid Wormer. For use with drinking water for poultry and swine. 4 ozs. $1.50; 8 ozs. $2.50.

Pratt's Zene-a-Trol (Phenothiazine Powder). Effective worm treatment for chickens, turkeys, hogs, sheep. 6-oz. pkg. $1.00; 12-oz. pkg. $1.85.

PARCEL POST CHARGES EXTRA AND MUST BE INCLUDED IN YOUR REMITTANCE
Items unable to supply will refund or substitute

POULTRY REMEDIES AND SUPPLIES, continued

Dr. Salsbury's Poultry Medicine

Germex. An ideal disinfectant around the farm for poultry house, dairy barn and hog house. Can be used in drinking water for poultry as an aid to control disease. ½pt. $1.00; pt. $1.85.

Histostat. For prevention of blackhead in poultry. Use in feed or water. 1 pound will mix 160 gallons drinking water for turkeys or 250 gallons for chickens. 2 lbs. $4.95.

Medic-Aid. Concentrated compound of antibiotics and vitamins for chickens, pigs and turkeys. Use in drinking water. ¼lb. $3.75.

WAZINE. Easiest way to worm chickens, turkeys, hogs. No longer does anyone need to put off worming poultry or pigs because it's hard work. Now, in Wazine, you have the easiest method of treatment. ½pt. $1.55.

MISCELLANEOUS REMEDIES AND SUPPLIES

Bag Balm

Rub on thoroughly when treating udder for cuts, sore teats, chapping, etc. $1.00.

B-K Bacillus

A preventive disinfectant for houses and drinking water to keep your flocks healthy. A deodorant to keep brooders, incubators, birds and premises clean and sanitary.

POWDER

1¾-lb. bottle.....$1 75

Creosote Oil. Gal.....$1 75

Pine Oil Disinfectant.
Qt.....$1 25 | Gal.....$2 95

Sodium Fluoride Lice-Roach Powder. 50c.

Carbolineum
Preserves Wood Everywhere

Kills mites, blue bugs, ticks in poultry houses. Stops tunneling termites, white ants, wood borers, etc. ½gal. $1.75; gal. $2.65.

Cod Liver Oil for Poultry

Whitmoyer Cod Liver Oil Concentrate.
Qt.....$1 15
Gal.....3 75

Guaranteed to contain:
400 A.O.A.C. (chick) units vitamin D per gram.
3000 U. S. P. units vitamin A per gram.
Control No. 101545 Serial No. CLN-12

Egg Preservative

For preserving eggs; will keep fresh for months. One pint is sufficient for 8 dozen. Qt. (4 lbs.) 85c.; gal. (13 lbs.) $2.40.

All Prices Are Subject to Change Without Notice

LIQUIDS NOT MAILABLE

Rabbit Salt Spools

Plain, Sulphur and Mineralized. Plain and Sulphur, 10c. per spool; carton of 24, $1.75. Mineralized, 12c. per spool; carton of 24, $2.00.

Hylite Water Putty

A plastic repair material. Fills cracks, joints and damaged surfaces of wood, insulating board, plywood, plaster, stone, metal, and cement. Lb. 35c.; 5 lbs. $1.40.

PAINTS AND REPAINTS IN THE SAME TIME

CARBOLA
Saves Time and Labor Gives Better Results
(with Lindane)

Carbola is a white paint in powder form combined with a disinfectant many times stronger than pure carbolic acid. It is non-poisonous and non-caustic. 5 lbs. 95c.; 10 lbs. $1.50; 25 lbs. $3.60; 50 lbs. $6.30.

Walko Chick Tablets. For the drinking water for baby chicks, turkeys, ducks or geese; also for older fowls. Pkgs. 60c. and $1.20; 1000, $2.50; 2000, $4.00.

INCUBATORS
Genuine California Redwood

De luxe incubators are adaptable for hatching chicken, turkey, goose, duck, pheasant and quail eggs. Adjustable ventilators top and bottom. Masonite insulation in top. Equipped with patented egg turning trays and deep nursery trays.

Electric Hot Water Heat

No. 85E. 85-Egg.....$57 35
No. 150E. 150-Egg.....62 95

BROODER SUPPLIES

Roof Saddle Complete. 5-in.....$3 25
Revolving Rain Cap.....1 40
Plain Rain Cap.....55
Roof Saddle Base.....2 15
Heater-Bar Type. 2 ft. long.....3 75
Automatic Switches.....3 35

Pip Time Switch

Here is a portable, plug-in Paragon Poultry Time Switch, for any lighting program. Two dials are furnished: one (a 2-tripper) for morning only or evening only, and one (a 4-tripper) for both morning and evening lighting. Receptacles for plugging in the extension cords for the BRIGHT and DIM circuits are on sides of the case.

Capacity: Bright Circuit, 700 Watts; Dim Circuit, 700 Watts. 110/120-volt, 60-cycle, AC.

Weight: 4 lbs. $13.50.

Wafer Thermostats for Incubator and Brooder

3 in.....$0 65
4 in.....75
5 in.....75

Cel-O-Glass
Reinforced with Wire

The real glass substitute for poultry houses, chicken coops, barns, hotbeds, etc. It is flexible, can be bent double, creased and then opened flat again without the slightest damage. Tack it on as you would wire netting. Admits ultra-violet rays of the sun, which are very essential. 50c. per ft. Rolls of 25, 50, and 100 ft., 36 in. wide at 45c. per ft.

Celluloid Leg Bands

Made in sizes to fit all breeds, even chicks and pigeons. Colors—yellow, white, blue, red and green. When ordering state breed and color wanted.

No. 9. Leghorn size: 12, 15c.; 25, 25c.; 50, 35c.; 100, 70c.

No. 11. Rock size: 100, 80c.

Adjustable Leg Bands

Numbered
1 to 12.....$0 15
1 to 25.....35
1 to 50.....60
1 to 100.....1 00

Incubator and Brooder Thermometers

Incubator. Metal; solid stand.....$1 25
Brooder. Wood.....60
Brooder. Metal.....50

All-Purpose Thermometer.....2 30
Thermometer, Household and Window.....59
Chalk Nest Eggs. Each 5c.; 40c. per doz. (mailing weight 2 lbs.)
China Nest Eggs.....05
Scrapers, Coop.....1 75
Scrapers, Dropping Board.....2 65
Poultry Catchers.....45
Toe Punches.....25
Egg Baskets, Wire.....1 35
Egg Basket, Plastic coated.....2 95
Egg Cleaners.....65
Refills (6 to Pkg.).....90
Poultry Killing Cones, Broiler.....2 10
Poultry Killing Cones, Chicken.....2 70
Poultry Killing Cones, Turkey.....4 14
Poultry Killing Hangers.....4 00
Poultry Killing Knives.....85
Poultry Killing Knives.....2 25
Violet Light Bulbs.....95
Hand Feed and Seed Scoops. 2-qt. size $1.40; 4-qt. size $1.85.

PARCEL POST CHARGES EXTRA AND MUST BE INCLUDED IN YOUR REMITTANCE
Items unable to supply will refund or substitute

FARM, GARDEN and LAWN TOOLS

All items on pages 51 to 65 inclusive are subject to 2% Md. and D. C. sales tax.

No. 4 Planet Jr. Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow

Complete, $41.00
Weight, 50 lbs.

As a Seeder only
(No. 4D), $32.95

Holds 2½ quarts of seed

As a Seeder, the No. 4 plants almost all vegetable seeds in continuous rows or in hills 4, 6, 8, 12 or 24 inches apart. The furrow is opened, seeds dropped, covered and the soil firmed and the next row marked out all in the same operation. Converted into a Single Wheel Hoe by changing one bolt. Cultivating equipment includes the most useful attachments for gardening, a plow, hoes and cultivator teeth.

No. 300A Planet Jr. Drill Seeder

$42.50

The No. 300A is rapidly becoming the most popular Seeder for market gardeners. It is a plate Seeder having three seeding plates each with 13 holes giving ample adjustment for any size seed. Adjustments quickly and easily made. Hopper removable. Many exclusive features combine to make the No. 300A easy running, dependable and accurate.

Green Thumb Sprinkler Cans

Improved design is the keynote of this new Wheeling Sprinkler. It's easy to handle, easy to carry and it comes in four sizes—6, 8, 10 and 12 quart. Sturdily constructed; made of heavy steel hot-dipped in molten zinc to insure long life. Leak-proof. Capacities listed are actual, no size overrated.

6 qt.....$3 85
8 qt..... 4 25
10 qt..... 4 60
12 qt..... 4 75

No. 17 Planet Jr. Single-Wheel Hoe

Steel Frame.
16-inch Steel Wheel
$17.25

Very popular because equipment includes just the attachments needed in the average garden. A pair of 6-inch hoes for weeding and shallow cultivation, three cultivator teeth for deeper and general cultivation and a plow with landside for hilling, furrowing, ridging and plowing. Light and easy to handle. All steel—unbreakable.

17½ Planet Jr. Same as above less the plow. $14.95.

No. 12 Planet Jr. Double and Single-Wheel Hoe

Steel Frames. 14-inch Steel Wheels

$24.95

Equipment includes attachments needed in the average garden. One pair 6-inch hoes for shallow cultivation and weeding, four cultivator teeth for deeper and general cultivation and a pair of plows for plowing, furrowing and ridging and a pair of leaf lifters which are useful in protecting the leaves and vines when crops are maturing. As a Double Wheel Hoe it will straddle crops 20 inches high, cultivating both sides at once. Easily changed to a Single Wheel Hoe for working between rows. Made entirely of steel and practically indestructible.

Plow Repairs

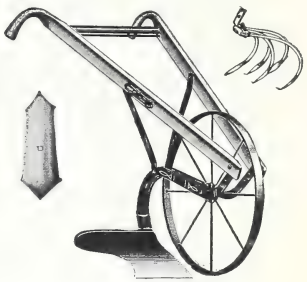
Shares, landsides, mouldboards, etc., for popular numbers of South Bend, Oliver, Chattanooga, Lynchburg, Syracuse and McCormick-Deering Plows.

Lynchburg Plows

No. 6. One-Horse Heavy $28.95

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

HAND GARDEN PLOWS



STURDY—DURABLE

There has always been a demand for a small sturdy Garden Plow moderately priced, making it possible for the small gardener to purchase. This Plow has all the tools or parts necessary to the perfect working of a garden—for instance, it has a plow for hilling and working the garden early in the spring; it has a cultivator and a hoe. It is complete in every detail. We have sold them by the hundred to pleased customers. Weight, about 20 lbs. Every garden should have one. $10.50.

You will love it - properly distributed seed goes twice as far - saves thinning. For peas to petunias. Cork of 6½" x 1" plastic tube pivots in palm - tap gently. *SATISFACTION GUARANTEED.* Prepaid

Sudbury Soil-Test Kits

This Kit is the only equipment we know of at anywhere near its price that tests for nitrogen, phosphorus, potash and acidity. Packaged in a strong cardboard container, it will give the gardener, who wants the best results with the least expenditure on fertilizer, complete information about the requirements of his soil.

Home Gardener Kit.....$2 98
Jr. Professional Garden Kit..... 5 89
New De Luxe Professional Kit.....29 95

Smith Flame-Gun Complete

General Utility Torch

Indispensable on the farm, in the garden, in the barn, in the shop and around the home. For blister rust control, cleaning out irrigation ditches, removing weeds, back-firing, destroying insect pests, drying out damp barns. Burns kerosene, range oil, stove or light furnace oil. For hundreds of uses, spring, summer, fall, winter.

$31.25

GRO-QUICK ELECTRIC SEED BED HEATER

SEED UP IN 30 HOURS
ROOT CUTTINGS IN 6 DAYS
CUT GERMINATION TIME BY 2/3
TRANSPLANT 2 WEEKS SOONER

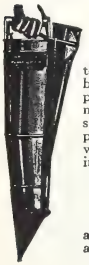
User reports show what Gro-Quick soil cable will do. 6 cable sizes for 1 flat to large beds. For hot-beds, cold frames, greenhouse benches, flats, cabinets. Uses house current.

J40A 40' cable & thermo. for 1 sash $6.75
S80A for double sash bed (36 sq. ft.) $9.00

Vita-Bands

The vigorous, well-balanced growth obtained with Vita-Band Plant Bands plus elimination of transplanting shock will help you bring your plants in for the earlier, higher-priced markets. The nutrient treatment and other unique qualities make the difference. 3 x 3 in., 18c. per doz.; $1.10 per 100; $5.25 for 500; $9.60 per 1000.

Write for prices on other sizes.



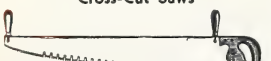
Plant Setter

Used to transplant cabbage, tomato, sweet potato, tobacco, cauliflower and similar plants perfectly and with minimum effort. The device sets, waters, and covers every plant with a single operation, without the necessity of stooping. $5.50.

Horn Seeder

Makes even broadcasting a sure process in the hands of all users. $1.80.

Cross-Cut Saws



3½-ft., 1-man. $7 55
4-ft., 1-man. . . 8 55
5½-ft., 2-man. $9 45

Made with malleable iron, unbreakable shanks and soft lead heads or clips, for securing fruit trees, roses and climbing plants to walls, fences, trellis, etc. After being driven in, the lead clip can be turned over the branch with the fingers and will then hold it firmly in position. 75c. per box.

So-Rite Lime Spreaders

The bottom is made of heavy sheet steel, properly designed. A heavy sheet steel feed-plate working in keepers forms the feeding device. There are punched in the bottom and feed plate 20 round holes or outlets, 2 inches in diameter, through which the material passes to the scattering board. These holes are 4⅝ inches apart from center to center, and extra plates can be furnished for sowing in rows. Capacity, 10 bu. Sowing swath, 8 ft. $159.50.

Cole One-Row Corn Planter

No. 12. Planter with Fertilizer Attachment.....$43 00
Hand Corn Planter..... 4 35

Cole "Labor-Saver" Plow and Fertilizer Distributors

No. 61. One-horse..... 37 75

The Original Improved Cyclone Seeder

It differs materially and very advantageously from all other Sowers in having a slope feed-board with an oblong hopper which terminates in a metal edge, on which edge oscillates a feed-plate which does not allow the seed to become clogged, but makes a positive force feed and insures a uniform flow and even distribution of seed. To anyone desiring a convenient, practical and all-round first-class grain and grass Seeder, a good, large sower that will meet the most exacting demands, we cannot recommend the Cyclone too highly. Parcel post weight, 6 lbs. $4.75.

Moist-Shur Plantray

A beautiful rubber, unbreakable flower-pot saucer which protects the pottery and furniture and adds life to the plant.

No. 1. Takes up to a 6-in. pot.....$0 35
No. 2. Takes up to an 8-in. pot..... 65
No. 3. Takes up to a 12-in. pot.....$1 35
No. 4. For fern and palm tubs.. 2 60

The Original Legume Inoculator
NOBBE–HILTNER PROCESS
NITRAGIN
TRADE MARK REG'D. DEC. 5, 1899 NO. 32212
Restores and Maintains Soil Fertility

Guaranteed Fresh Each Year—Leads in High Germ Count

Agricultural colleges advise inoculation for all legume seed for profitable results because it pays well in producing larger quality yields. Fresh, high-count Nitragin, containing billions of efficient nitrogen-gathering germs, builds up the soil.

All legume germs are perishable. To protect you, Nitragin cans are stamped with expiration date. Insist on Nitragin.

NITRAGIN PRICES

Alfalfa, all Clovers		Soy Beans Cowpeas	
Size		Size	
1 bu.....	$0 60	2 bu.....	$0 45
2 bu.....	1 05	5 bu.....	65
		25 bu.....	2 75
Peas, Vetch, Beans Austrian Winter Peas		**Lespedeza**	
Size		100 lbs.....	$0 60
100 lbs.....	$0 55		

Garden Size Nitragin. For Peas, Beans, Sweet Peas. Inoculates from 1 oz. to 5 lbs. seed. 25c.

Important: When ordering Nitragin, always be sure to state kind of legume seed you wish to inoculate.

GARDEN TWINE

Heavy jute, for marking off rows in garden. Tying rose bushes, shrubs, vegetables, etc. Color: green. Per Ball (80 ft.), 30c.

Tree Pruners

Center cut action, strong, durable tree pruner head. Tempered steel cutting blade. Compression coil spring. Steel cable chain works through ball bearing pulley. Simple, powerful action. **No. 11.** Head only, $4.60.

Pruning Saws

No. 125. 14-in., curved.....$2 30
No. 116. 16-in., double edge..... 1 95
No. 165. 15-in. pole (head only)..... 3 75
No. 167. Pole and Shear (head only) . 5 75

SPIKE TAMP
"THE LAWN MAKERS' FRIEND"

Tamps seeded places. Smoothes rough ground. Can be quickly reversed for spiking old lawns. Shipping weight, 12 lbs. $13.50.

Postage Extra and must be included in your remittance. All Prices Subject to Change Without Notice

ROOTONE

Reg. U. S. Pat. Off.

The Hormone Powder for Rooting Cuttings and for Dusting Seeds and Bulbs

THE MOST POTENT OF ALL PLANT HORMONES

Easier—Faster—Surer—Better—Cleaner—Safer

ROOTONE offers the most economical, simple, efficient way for the use of plant hormones, giving twice the number of cuttings at the same cost.

ROOTONE contains the most powerful plant hormone of all, naphthalene acetic acid, diluted with other ingredients to get the best range of activity on plants.

Trial size, 25c.; 2-oz. jar $1.00; 1-lb. can $5.00.

TRANSPLANTONE

TRANSPLANTONE is a water-soluble powder containing Vitamin B-1, and other parts of the Vitamin B fraction, plus certain plant hormones which are active in root formation. Plant physiologists have shown that these chemicals are vital to the growth of plants, particularly of roots. The hormone initiates or forms roots while the Vitamin B chemicals are necessary for their continued growth. ½oz. 25c.; 3 ozs. $1.00; lb. $4.00.

FRUITONE. The hormone spray for stopping premature drop of fruit, flowers and leaves. When sprayed on flowers of tomatoes or beans it produces better set and larger crop. Prevents premature drop of apples and pears. Makes hollies and other Christmas greens hold their leaves longer. ⅔-oz. pkt. 25c.; 2-oz. pkg. $1.00; 12-oz. can $5.00.

FLYING DISK SCARE

Birds and Animals Away

Amazing protection for newly planted seeds, berries, tender seedlings, fruit trees, etc. Made of shining aluminum, FLYING DISKS spin and whirl madly in all directions—give blinding reflections and weird jingling, crackling sounds—to scare birds and animals away. Easily strung across area to be protected—or from branches of fruit trees and vines.

10 FLYING DISKS with complete instructions, only **35c**

TRAIN-ETTS

Ideal support for SWEET PEAS, GARDEN PEAS, POLE BEANS, CUCUMBERS, TOMATOES. Hung in 5 minutes. Doesn't rot like string, nor burn tendrils like wire. 3 sizes—

60-inch x 72-inch, .75c
60-inch x 96-inch, .95c
90-inch x 180-inch, $1.35

Water-Right Seed-Grower Box

Made of best metal, guaranteed for 5 years' service. This box is provided with all the essential new improvements to obtain the maximum production from your seed, faster growth and stronger plants as compared to commonly used wood flats. Plants and seed are watered from the bottom. Has can't-lose Drain Screw so excess water can be drained. $2.75.

Neegards

The Modern Knee-Protector

Neegards are an absolute necessity for men and women who do any work that requires kneeling on the ground. They are completely adjustable and form-fitting to fit any size knees. $2.00 per pair.

Germaco

Hotkaps

New Method of Plant Protection

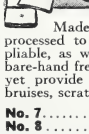
Shields plants from frost, wind, and rain; protects them from insects; miniature "hothouses." Roll (1000) $19.95.

250 Hotkaps with Fibreboard Setter $6.50.

100 Hotkaps with Fibreboard Setter $3.45.

25 Hotkaps 95c. Postage or Express extra. Write for quantity prices and pamphlet.

National Eezy Wear Garden Gloves



Made from select imported leather processed to render it amazingly soft and pliable, as well as durable. Permit almost bare-hand freedom with maximum comfort, yet provide complete protection from dirt, bruises, scratches and stains.

No. 7	$1 75	**No. 9**	$1 85
No. 8	1 75	**No. 10**	1 85

new style gloves for the house and garden

Chamois-colored, chamois-soft, vinyl-treated to keep out dirt. Long wearing, washable and they really have a green thumb.

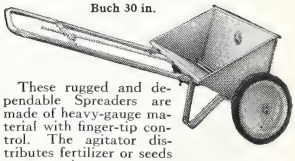
These Gloves wear several times longer. Not affected by washing. Sizes: Large, Medium, and Small. 98c. per pr. Men's Size, 98c.

GARDEN GLOVE NEW PROTECTIVE HAND CREAM

Amazing new formula combines the softening benefits of lanolin with the protective miracle of silicone. 4-oz. tube $1.25.

SPREADERS For Fertilizer, Lime or Seed

Buch 30 in.



These rugged and dependable Spreaders are made of heavy-gauge material with finger-tip control. The agitator distributes fertilizer or seeds in correct amounts, accurately regulated by the feeder slide. Each machine pays its own way because it distributes fertilizer and other materials evenly and in the proper amount.

Buch.	15 in.	$9 50
Buch.	18 in.	11 50
Salem.	20 in.	13 95
Salem.	30 in.	17 95
Buch.	30 in.	21 00
Heavy Duty Salem.	36 in.	43 50

KILLER KANE

Killer Kane sprays deadly weed killer right on the weed. Kills dandelion, plantain and other broad-leaved lawn pests way down to the root tips. No stooping, no digging. You kill weeds as fast as you can walk. Just place point on weed, press, release, and a measured dose of spray drenches weed. Valve closes automatically as Killer Kane is lifted. Spray does not drift. Can be used close to flowers and shrubs without danger. It's the easiest way to keep lawns free of weeds. $1.79. With 8 ozs. Weedone $2.79.

Postage extra and must be included in your remittance. All Prices Subject to Change Without Notice

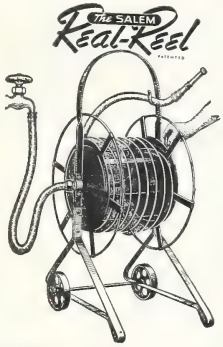
Plastic Garden Hose

Not affected by moisture, mildew, sunlight or grease. It won't kink or crack; dirt wipes right off. The finish is easy on the hands. Pleasant to use because of its light weight.

50 ft. Gold Stripe.....$8 95
25 ft. Gold Stripe..... 4 95
50 ft. Clear..... 6 95
25 ft. Clear..... 3 95
50 ft. Garden Pride..... 4 20
25 ft. Garden Pride..... 2 60

Rubber Hose

¾-in. Hose, 25 ft.....$8 80
¾-in. Hose, 50 ft.....16 00
⅝-in. Hose, 50 ft.....12 80
⅝-in. Hose, 25 ft..... 7 00
⅝-in. Hose, Special. 50 ft..... 9 75
⅜-in. Spray Hose.....28c. per ft.
Nozzles.....$1.20 each, up



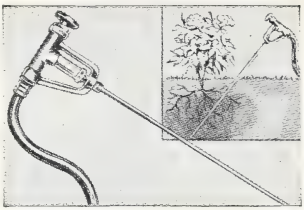
REAL-REEL is entirely new and different. No longer need you unreel all the hose to do a sprinkling job. The water runs through the hose while on the reel. No kinks or soiled clothing through handling. All steel in construction. For hose economy, use the **Real-Reel Hose Reel** (as illustrated).....$17 95
No. 10 Hose Reel..... 9 25
Minute Man Reel with wall bracket 7 95

The "Fountain"

All brass Ring Sprinkler. 8½ in. diameter. Inserted ¾-in. hose connection with clean-cut threads. Waters 28-foot circle at 40 lbs. pressure. $2.40.

Ross Root Feeders

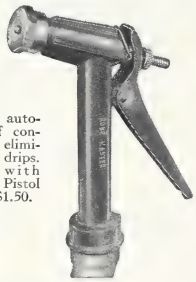
The Key to Outdoor Beauty



The Ross Root Feeder puts the fertilizer and water directly to the roots. Produces healthier and more vigorous growth. Especially fine for roses, shrubs and trees. You can fertilize and water at same time or you can just water. $5.98 complete with 12 cartridges. Additional cartridges, $1.00 per doz.

Hose Master

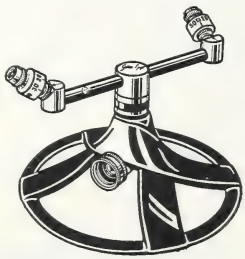
World's Finest Hose Nozzle



Durable, automatic shut-off conserves water, eliminates faucet drips. Adjustable with handy lock. Pistol grip control. $1.50.

Green Spot Sprinklers

A product of Scovill, a name recognized the world over for quality, dependability, value and performance.



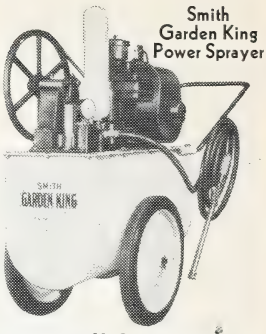
Model H766. (As illustrated).....$9 75
Model H734..... 6 95
Model H754..... 3 95

Green Spot Sprinkler Aids

H-344 Gooseneck. Allows attachment of hose to faucet without skinning knuckles. Free swiveling action eliminates hose kinks at faucet. $1.00.

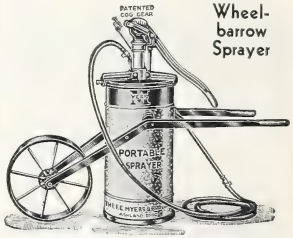
H-333-"Y" Connector. A connection that lets one outlet do the work of two. Two hoses may be attached to a single faucet, allowing two accessories to be operated simultaneously. 80c.

Smith Garden King Power Sprayer



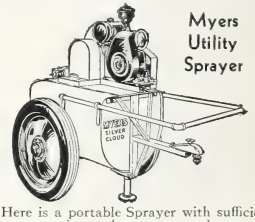
Compact, portable Sprayer powered with Briggs & Stratton engine. Equipped with hose and gun. $159.50.

Wheelbarrow Sprayer



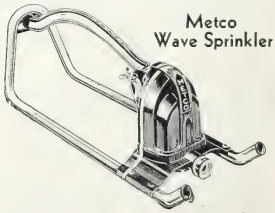
A most popular outfit, being strongly mounted on a steel truck. Can be wheeled anywhere with ease. Capacity, 12 gals.
R 336 B. Equipped with heavy-duty pump. $57.50.

Myers Utility Sprayer



Here is a portable Sprayer with sufficient pump capacity and pressure to do an outstanding job of spraying on estates, small orchards, nurseries, greenhouses, general farm spraying. 50-gal. steel tank, 300-lb. pressure, capacity 4 gals. per minute. With hose and gun, $429.50.

Metco Wave Sprinkler



Model 2S.....$13 95
Model M..... 10 95
Model J..... 8 95

Compressed Air Sprayer

Tanks are made of heavy galvanized Steel with welded seams.

3½ gal. Yorktown Funnel Top. $9.45.
3½ gal. Lighting Funnel Top. $15.50.
4 gal. GO22 Open Top. $17.25.
2 gal. Justrite Funnel Top. $9.25.

Hand Sprayers

For spraying all insecticides for flowers, garden, shrubbery, etc. Excellent for spraying disinfectants, fly spray and cattle spray.

Continuous Sprayers

Blizzard. 1 pt., brass.....$4 95
Blizzard. 1 qt., brass..... 6 95
1 qt. (heavily tinned)..... 1 50

The Arnold Garden Hose Sprayer

A special mixing and spraying nozzle which attaches to your garden hose in place of the regular nozzle. It was designed to take the hard labor out of garden spraying. Cartridges supplied for practically all spraying purposes.

Arnold Sprayer, Adjustable Nozzle. $6.95
All Cartridges 40c. each

Nic-O-Spray
DDT-Spray
Malathion
Captan
Methoxychlor
Arsen-O-Spray
Sulph-O-Spray
Vitamin B;
Pyrethrum-Rotenone

Insect-O-Gun

6-gal. Capacity

Deluxe pistol grip model . . . handy hang-up hook . . . quart mason jar furnished. Exclusive Bradson automatic valve . . . water pressure holds it on or off as set. Open air mixing . . . can't backflow . . . no jets to clog . . . sprays any material in penetrating fan spray pattern. $5.95.

Gard-N-Gun. Capacity 3 gals. $3.95.
Gro-Gun. Capacity 20 gals. $2.95.

Syphon Sprayer

1 qt., heavily tinned, 70c.
1 pt., heavily tinned, 55c.

Dustmaster

Dusts without waste, and easily operated. Long air-chamber develops strong blast. Large dust-chamber. Thorough atomization of poison. Throws long, broad dust-blast straight ahead or underside of leaves on low-growing vines or at any angle.

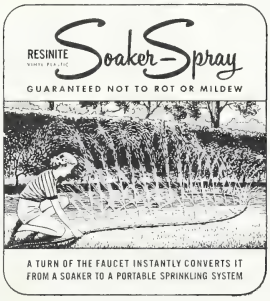
No. 36D. Dustmaster with glass container.....$2 35
No. 37D. All metal..... 1 35
No. 39D. All metal..... 2 45

Cyclone Crank Duster

Highly adapted for dusting cotton and garden vegetables of every description. $35.00

Jim Dandy Sprayer

A pressure tank Sprayer conveniently attached to a handy rubber-tired cart. Tank capacity 5 gallons. Made of rust-resistant steel, equipped with 12-ft. hose, adjustable nozzle and pressure gauge. $43.65.


RESINITE
Soaker-Spray
GUARANTEED NOT TO ROT OR MILDEW
A TURN OF THE FAUCET INSTANTLY CONVERTS IT FROM A SOAKER TO A PORTABLE SPRINKLING SYSTEM

TWIN-TUBE

25 ft.....$3 30 | 40 ft.....$4 50

Resinite Flexible Triple Tube Sprinkler

25 ft.....$3 95 | 50 ft.....$5 95

Ground Soakers

Like all-night rain. Water seeps through entire length. Puts water where you want it —at the roots.

No run-off—No waste—No soil-washing

No. 0. 12 ft...$1 80 | **No. 2.** 30 ft...$3 70
No. 1. 18 ft... 2 40 | **No. 3.** 50 ft... 6 00

Sprabulb and Centrospray

For years florists, seedsmen and housewives throughout the U. S. A. have found the handy Sprabulb an excellent water and powder sprayer for plants. 8 oz. $1.10; 12 oz. $1.65.

Centrospray

8 oz. $1.50; 12 oz. $2.00.

G. S. Master Sprayer

Will easily throw a spray stream 35 to 40 feet and if nozzle is adjusted, sprays entire garden bed in fine mist with minimum effort. As versatile as it is efficient. Meets every spraying need. $9.95. G. S. Master, Jr. $7.95.

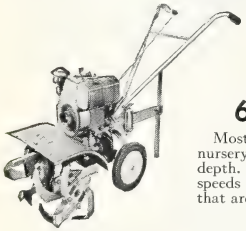
ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

BOLENS GARDEN TRACTORS

A rugged, compact and extremely flexible service unit. A great model to meet all requirements for light farming, commercial growing, lawn and garden care, snow plowing and "odd-job" service like painting, orchard spraying, weed cutting, hauling or providing auxiliary power. There's a BOLENS Tractor for every property . . . a "packaged implement" for every job.

No matter what kind of property you own or maintain, it will pay you to see the BOLENS line before you buy. Compare the BOLENS that meets your requirements with any other in its class. Whether you base your final decision on efficient all-season service or on price, you'll be influenced by the obvious superiority of the BOLENS Tractors.

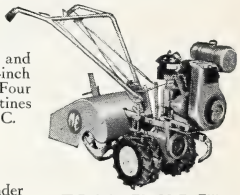
SUPER M-E. MUSTANG ROTARY TILLER



Super M-E. Mustang

Small in size and price, but what a job it does! Tills, cultivates, weeds, mulches—and a dream to handle even in small plots, corners, close to shrubs. The Super M-E. Mustang famous power and performance is built right in. Full 3 H.P., 4-cycle, air-cooled engine; universal, non-winding, self-sharpening tines that are guaranteed against breakage; two rotary speeds and inclosed motor shaft. Price $205.00 f.o.b. Washington, D. C.

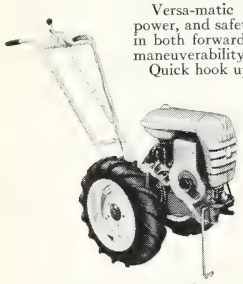
6 H. P. BA16W6 M-E. TILLER



6 H.P. BA16W6 M-E. Tiller

Most popular, medium sized unit for home gardening, landscaping and nursery work. Tills 16-inch swath, controlled soil aggregation to 7-inch depth. 6 H.P. engine, adjustable handle bars. Power drive wheels. Four speeds and throttle control. Universal non-winding, self-sharpening tines that are guaranteed against breakage. $534.50 f.o.b. Washington, D. C.

2¾ H. P. VERSA-MATIC



2¾ H. P. Versa-matic

Versa-matic drive gives infinitely variable forward speed controllable under power, and safety type REVERSE. This drive also offers power and free-wheeling in both forward and reverse. Here is the answer to a long-felt need for greater maneuverability, as well as a controllable wide speed range.

Quick hook up with snap hitch for all attachments. All-steel frame and safety stop switch for convenience. Tractor $245.50, Plow $27.50; Cultivator with tools $35.00; Disc Harrow $31.45; Sickle Bar $88.50; Lawn Mower $87.50; Snow Plow $27.50; Sprayer $151.95; Spike Harrow $38.50. All f.o.b. Washington, D. C.

3½ H. P. VERSA-MATIC

Has every feature of above except for powerful 3½ H.P. engine, which can handle larger equipment. Tractor $285.50; Plow $35.50; Cultivator with Tools $35.00; Disc Harrow $36.25; Sickle Bar $96.75; Lawn Mower $99.50; Snow Plow $27.50; Sprayer $151.95; Spike Harrow $38.50 f.o.b. Washington, D. C.

3½ H.P. Ride-a-matic

3½ H. P. RIDE-A-MATIC

A real working tractor, yet popularly priced for those who want to ride while doing their lawn and garden work. Safety type reverse. Quick hook up with snap hitch for all attachments. Tractor $431.50; Plow $26.50; Cultivator with Tools $35.00; Disc Harrow $31.45; Sickle Bar $84.50; Rotary Mower $118.50; Three Gang Mower $164.95; Snow Plow $31.50. All f.o.b. Washington, D. C.

6.6 H. P. SUPER RIDE-A-MATIC

Tractor $487.50; Plow $35.50; Cultivator $35.00; Disc Harrow $36.25; Sickle Bar $107.50; Three Gang Mower $164.95; Snow Plow $31.50; 30-in. Rotary Mower $118.50 f.o.b. Washington, D. C.

6 H. P. RIDEMASTER

6 H.P. Ridemaster

Ridemaster is low-slung and stripped of non-essentials, so you see what you're doing. No ground-working guesswork. While plowing you ride level by raising or lowering one rear wheel. Rear-wheel spacing is adjustable too, from 38 to 72 inches. Ridemaster turns around within its own length, so you can cut down headlands and get more tillable ground. Heavy coil springs do the lifting. Elevation range from 11 to 21 inches allows maximum cutting depth and full clearance over uneven ground when tools are not in work. Front-wheel drive—better steering control, greater traction, no rear-wheel side-slips. Lightweight for low-cost operation; 6 horsepower. Ridemaster weighs only 830 pounds. Tractor $589.50; Plow $54.50; Disc Harrow $51.00; Cultivator $22.50; Sickle Bar $134.50; Snow Plow $49.50; Grader Blade $36.00; Spike Harrow $36.50 f.o.b. Washington, D. C.

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Flower Pots

STANDARD FLOWER POTS

Inside measurement	Each	Doz.	100
3 in.	$0 06	$0 65	$4 10
4 in.	10	95	6 95
5 in.	16	1 68	11 60
6 in.	25	2 55	17 55
7 in.	35	3 70	26 40
8 in.	55	5 50	37 40
9 in.	72	8 00	56 75
10 in.	95	10 85	77 50

Saucers

	Each	Doz.	100
3 in.	$0 07	$0 75	$4 50
4 in.	08	85	5 50
5 in.	10	1 15	7 25
6 in.	15	1 65	10 75
7 in.	20	2 25	15 25
8 in.	30	3 40	22 50
9 in.	40	4 75	32 25
10 in.	58	6 95	46 90

6 at doz. rate; 50 at 100 rate. We do not mail, freight or express Flower Pots.

Paper Pots

	10	100	1000
2½ in.	$0 20	$1 35	$12 15
3 in.	20	1 45	12 80
4 in.	25	2 25	20 75
5 in.	35	2 65	25 95
6 in.	40	3 45	32 15

Labels

		Doz.	100	1000
Plant.	3½ in. Painted; copper-wired	$0 10	$0 60	$4 95
Pot.	4 in. Painted	10	45	3 95
Pot.	6 in. Painted	10	60	4 95
Garden.	8 in. Plain	20	1 25	10 75

Weatherproof—last for years
Doz. 40c.

Twist-Ems

The New Handy Plant-Tie

Dark green strong tapes with wire reinforcing that make perfect plant-ties. For plants, vines and shrubs and arranging flowers.

8-in. box (100) $0 25
16-in. box (100) 50

Write for special quantity prices

Metal Plant Stakes

Press the Stakes firmly in the ground alongside of the plant and push the plant gently through the opening at the top. The three sizes will take care of practically all garden plants.

Height	Doz.
18 in.	$1 00
32 in.	1 59
40 in.	1 98

Tomato Stakes Double Loop. 51 in. high. $3.00 dozen.

Plant Stakes.

	Each	100
3 ft. Wood	$0 11	$9 25
4 ft. Wood	15	13 00
6 ft. Wood	20	18 10
2 ft. Bamboo, light. 25 for 35c.		1 25
3 ft. Bamboo, light. 25 for 50c.		1 80
4 ft. Bamboo, light. 25 for 65c.		2 35

Wayward Vine Guide and Support

For training and supporting ivy and other vines, etc., on brick, stucco, stone and cement walls without defacing. *No Nails—No Holes.* Box of 20, $1.00.

BILD-A-FENCE WICKETS

Of process-hardened steel sealed inside a heavy layer of indestructible plastic, this fencing will give years of service. Rustproof, it will never need painting . . . will always retain its smooth, gleaming finish. Slip-on plastic lok-links lock the units together to form a sturdy, attractive fence: Circles, squares, rectangles, corners or straight lines. No tools, no bolts, no posts, no digging.

Steel auger for punching ground holes permits easy installation by anyone. White or green. ¼ in., 21 in. high, 12 in. wide. Price, including auger, per doz. $2.69.

Perfecto Window Boxes

Made of copper-bearing steel, heavily lead-coated. Guaranteed 5 years. Far superior to galvanized boxes. They are scientifically ventilated so that the roots of the flowers will not rot. Made in five sizes.

20 in. long	$3 25
26 in. long	3 75
32 in. long	4 25
26-in. Flower Box Stand	5 00
32-in. Flower Box Stand	6 00

The plant is potted in the upper section in the usual manner. The wick feeds moisture to roots by capillary attraction; the reservoir base provides an ample supply of water. Leading agricultural colleges have endorsed this principle of subirrigation. Actual experiments prove plants take on new life. Marbleized colors—Ivory, Yellow, Red, and Pink with Black Base. 4 in. $1.00; 5 in. $1.50.

Cedar Plant Tubs

Virginia white cedar painted green and bound with three bands heavy black wire. Two larger sizes bound with broad iron band. Without handles.

8 in.	$2 50
10 in.	3 15
12 in.	3 95
14 in.	5 15
16 in.	6 65

Arbors · Trellises · Fans

Arbor

Pergola. 2 x 4 x 7 ft. $19 95
Arch. 2½ x 3½ x 7 ft. 22 50

No.	Trellises	
188.	18 in. x 8 ft.	$3 45
248.	24 in. x 8 ft.	4 15
308.	30 in. x 8 ft.	4 65
624.	24 in. x 6 ft.	2 95
612.	12 in. x 6 ft.	1 85
618.	18 in. x 6 ft.	2 35

Fans

606.	6 ft.	2 40
756.	7½ ft.	2 95

Tropi-Cover

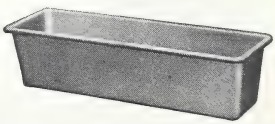
To Beautify Your Flower Pots

Made of Bamboo to hide unsightly clay pots; keeps plants healthy, snaps on in seconds, Natural color.

To fit 4 inch Pot 25c.; 6 inch 35c.; 8 inch 45c; 10 inch 55c. Tray as shown not included in price.

Bo-Kay Window Boxes

Made of Fiberglas

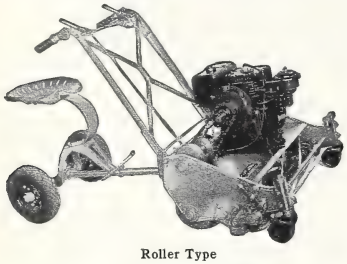


Will not rust, crack or peel, will never need painting. Attractive, fade-proof colors molded into lightweight durable fiberglas. 18 inch, $2.70; 24 inch, $3.15; 30 inch, $3.55; 36 inch, $4.35.

COOPER POWER LAWN MOWERS

POWER—STAMINA—PERFORMANCE

Cooper Mowers are popular for sturdy construction, moderate weight and good balance. Models are short coupled and easy to operate. Powered with Briggs & Stratton latest model engines.



Roller Type

Cooper Imperial 27 in.

The Imperial model meets every lawn-mowing requirement and will maintain a vigorous and healthy growth of grass, keep it evenly trimmed and rolled at less cost than any other power mower.

Following up for close trimming is unnecessary because the Cooper cuts as close to trees, shrubs, walks, flower beds, fences, etc., as the ordinary hand mower.

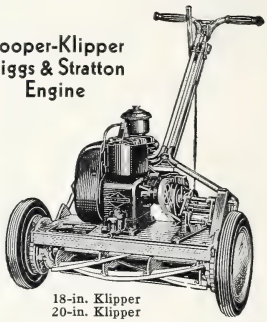
Riding Attachment . . . $57 50 | **Imperial.** 27 in. $460 00

Cooper Triplex 65 in.

Increased capacity for large expanses is available with this 65-inch Triplex Mower, powered with Briggs & Stratton engine. The two 19-inch cutting units are quickly attached or detached. Mower can be used with or without the riding attachment.

Cooper Triplex, complete with sulky. $710 00

Cooper-Klipper Briggs & Stratton Engine



18-in. Klipper
20-in. Klipper

LIGHT–SPEEDY–EFFICIENT

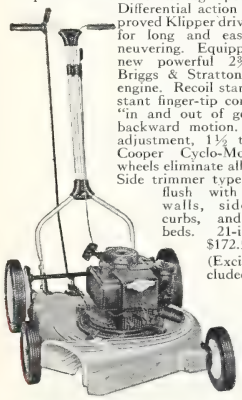
A power lawn mower that offers new and exclusive features of operation and economical upkeep. Combines high quality with precision engineering and extreme simplicity to produce a rugged, full-size power mower within the price reach of every home owner who mows a lawn. Easy height of cut adjustment from ½ in. low to 2¾ in. high. Timken bearings, completely enclosed chain, Briggs & Stratton 4-cycle engine.

Proof of Cooper-Klipper value is the unqualified endorsement of tens of thousands of actual users.

18 in. . . . . $129 95 | 20 in. $145 50
(excise tax included)

Cooper Self-Propelled Cyclo-Mo Rotary Mower

Rear wheel drive, operates with equal ease on level ground, hills or terraces. Simple, fool-proof V-belt drive—no high speed gears. Differential action of time-proved Klipper drive wheels for long and easier maneuvering. Equipped with new powerful 2¾ H.P. Briggs & Stratton 4-cycle engine. Recoil starter. Instant finger-tip control for "in and out of gear" for backward motion. Height adjustment, 1½ to 3 in. Cooper Cyclo-Mo offset wheels eliminate all scaling. Side trimmer type. Trims flush with fences, walls, sidewalks, curbs, and flower beds. 21-in. cut. $172.50. (Excise tax included)

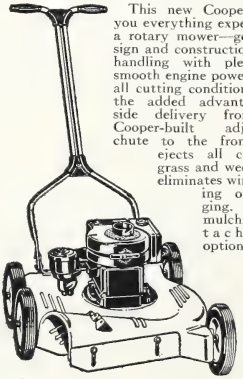


Cyclo-Mulch Accessory provides an efficient and desirable method for reducing leaves to a natural and beneficial mulch. Available for 21-in. Self-Propelled "Cyclo-Mo". Price $4.25.

Cooper Cyclo-Mo Rotary Mower

The Cooper Cyclo-Mo models joining the famous Cooper line, are designed with proper balance to provide the greatest possible ease of handling. The large diameter, rubber-tired, roller-bearing wheels actually make handling much easier than pushing an ordinary hand mower.

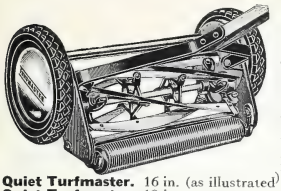
This new Cooper gives you everything expected in a rotary mower—good design and construction, easy handling with plenty of smooth engine power under all cutting conditions, plus the added advantage of side delivery from the Cooper-built adjustable chute to the front that ejects all cuttings, grass and weeds and eliminates wind-rowing or clogging. Leaf mulching attachment optional.



20-in. cut. $118 50
18-in. cut. 96 50
(excise tax included)
18-in. Leaf Mulch Attachment. $6 25
20-in. Leaf Mulch Attachment. 7 25

Cooper "Edge 'n Trim"

Now you can give garden and lawn areas that well-groomed look without spending hours of time and back-breaking labor trimming and edging by hand. The Cooper "Edge 'n Trim" does both jobs quickly, easily, efficiently. So easy to operate—you control cutting height, edging angle, and switch it from edger to trimmer in seconds without tools or stooping. No other piece of lawn and garden maintenance equipment will save you as much time and labor. Sturdy, lightweight frame. **Built to last longer!** Big 8½-in. cutting blade—hardened, tempered, spring steel. Ball-bearing cutter head permanently sealed in grease. Powerful, easy starting, Briggs and Stratton 4-cycle 1.6 H.P. engine. Price $99.50.



Lawn Mowers

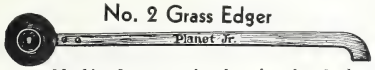
A modernistic Mower of streamline design; popularly priced and of unusual quality. It is quiet and easy running. Especially suitable for large lawns. Semi-pneumatic tired, 6-inch diameter, 5-blade reel, ball-bearing, rubber-covered roller.

Quiet Turfmaster. 16 in. (as illustrated) $29 00
Quiet Turfmaster. 18 in. 29 95
Diamond Deluxe. 16 in. 25 25
Special. 16 in. 21 50
Terrace Special. 12 in. 17 25

Lawn Trimmer

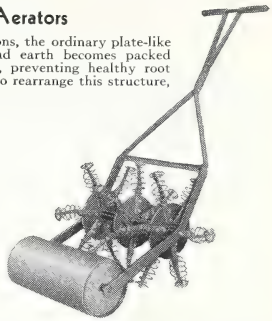
One-wheel, 8-inch Lawn Mower with edger. Will cut very close to a wall or tree. Takes the place of grass shears or grass hook. $21.00.

No. 2 Grass Edger



Neat, good-looking lawns require that the edges be kept well trimmed. $3.25.

Buch Aerators



Under normal conditions, the ordinary plate-like structure of top soil and earth becomes packed and hardens into layers, preventing healthy root growth. It is necessary to rearrange this structure, just as molecular structures in other materials are changed, to give the soil air and water space and restore it to healthy, normal tilth. The Buch Aerator accomplishes this without disturbing existing grass and lawns. $45.00.

ROTO-EDGER

An all-purpose tool for edging, trimming and shearing along sidewalks or curbing, around stepping stones and trees, up against fences, walls and buildings as for picture framing around rose bushes and shrubs. An excellent tool for shearing weeds or blades of grass left by the lawnmower. Rolls easy on either cement or grass.

Model No. 20 ..... $5 45

Lawn Mower Grass Catchers

Square back, white drill sides. Wire frame. Complete with two non-slip hooks.

To fit mowers 12 to 18 in. $1 95
To fit mowers 18 to 21 in. 3 85

Grass Shears

No. 801. Wiss $1 95
No. 700. Wiss 2 25
No. 1575. Long handle 4 75

Miracle Grass Shears

Easiest working Shears ever made. .. $2 50

Wiss Hedge Shears

No. 6½L. $3 50
No. 8A. 4 50
No. 9A. 4 75
No. 8½E. 8½-in. Shock Absorber ... 5 50
No. 9½E. 9½-in. Shock Absorber ... 5 95

Pruning Shears

No. 908. Wiss. As illustrated $3 25
No. 60. Seymour Smith 1 50
No. 118. Seymour Smith 2 59
No. 808. Wiss 3 95

Lopping Shears
No. 45. 22-in. handle 3 95
No. 48. 30-in. handle 4 75

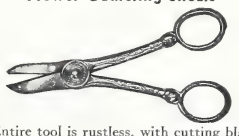
Rouse Tree Pruners. 8-ft. 5 50
10 ft. 5 95
12 ft. 6 50

Spike Disc Aerator

Will supply the proper kind of aeration and permit retention of moisture. Also useful before reseeding and top dressing. Seed and fertilizer reach into the knife-like cuts in the turf, safe from wind and rain.

No. 8. ..... $21 00

Flower-Gathering Shears



Entire tool is rustless, with cutting blades made from stainless cutlery steel; cuts and holds stem in one operation. $2.50.

Water Ballast Roller

To increase the weight, add water. To decrease the weight, draw out water.

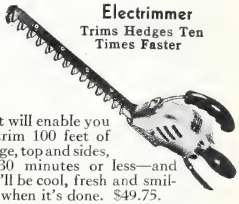
Size	Weight filled lbs.	
14 x 24	175	$18 50
18 x 24	265	22 25
24 x 24	420	28 50

Soilaire Aerating Tools

De Luxe. Double tine for lawns. Tubular steel; chrome plated. Overall length 36 inches. $6.95 each.

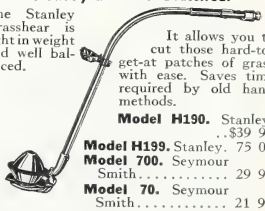
Electrimmer

Trims Hedges Ten Times Faster



It will enable you to trim 100 feet of hedge, top and sides, in 30 minutes or less—and you'll be cool, fresh and smiling when it's done. $49.75.

Stanley Electric Grasshear



The Stanley Grasshear is light in weight and well balanced.

It allows you to cut those hard-to-get-at patches of grass with ease. Saves time required by old hand methods.

Model H190. Stanley. ... $39 95
Model H199. Stanley. 75 00
Model 700. Seymour Smith 29 95
Model 70. Seymour Smith 21 95

INSECTICIDES

Be sure to include postage on insecticides if wanted by mail.

ACME PESTICIDES for Garden and Home Surroundings

ACME ALL ROUND SPRAY

For the gardener who cares, All Round Spray gives highest degree of protection to costly flowers, fruit trees, shrubs and vegetables from ravages of insects and blight. Combines two insecticides and two fungicides. If used regularly, one or more of the active elements are always at work. Lb. $1.20; 3 lbs. $2.30; 8-oz. pump gun, 90c.; ALL ROUND squeeze duster, $1.19.

ACME ALL ROUND BOMB

SELF SPRAYER PACKAGE. A new Acme formulation for control of a wide variety of insects attacking flowers and plants both indoors and outside. The bomb should appeal to many because of its convenience. For use on such plants as African violets, azaleas, begonias, beans, camellias, carnations, corn (whorls), dahlias, English ivy, geraniums, grapes, roses, tomatoes, and many others. 10 ozs. $1.50.

ACME GARDEN GUARD

SAFE ON GARDEN VEGETABLES. 1% Rotenone, the active element, is harmless to humans and pets. Can safely be used to protect garden produce right up to picking time without fear of harmful residue. While not so spectacular as some of the newer chemicals, nevertheless it effectively controls a wide range of insects preying on beans, cabbage, currants and many other vegetables, also flowers. Lb. 60c.; 4 lbs. $1.50.

ACME 5% LINDANE SPRAY

NEW WONDER SPRAY. Gives high measure of performance against the widest range of insects. Active three ways: when eaten, by contact, by action of vapors. Especially useful for protecting foliage and flowers both indoors and out. Also useful in control of hard-to-kill bugs in early spraying of fruits and vegetables. Carries recommendations of Government officials as a safe residual spray for fly control around exterior of homes, on porches and in barns. Has uses in control of turf and soil insects. 4 ozs. 75c.; pt. $2.40.

ACME TOMATO DUST

Many common spraying and dusting materials are irritating to tomato plants, causing rapid respiration so that they lose moisture more quickly than the plant can replace. Acme Tomato Dust is especially formulated for tomatoes, controlling blights and worms and permitting best possible harvest. 1-lb. sifter 69c.; 4-lb. bag $1.75; pump gun, 79c.

ACME DUSTING SULPHUR

Mildews and many other fungous diseases as well as certain mite insects just can't stand sulphur. Light dustings (or sprayings) furnish a protective coating on roses and many other foliage plants against mildew and spot. Effective against red spider and certain mites on evergreens, legumes, deciduous and citrus fruits. 2-lb. sifter 75c.

ACME ROSE DUST

A ROSE-LOVER'S DREAM—a potent new insecticide and fungicide formulation for control of all important rose pests. Captan (7%) for blackspot; Karathane (.75%) for powdery mildew; Malathion (4%) for aphids, thrips, spider mites, whiteflies, mealy bugs, tarnish plant bugs, lace-bugs; and DDT (5%) for rose chafer and other beetles and caterpillars.

Effective as a dust or spray. 8-oz. pump gun $1.10; 2-lb. carton (refill) $2.10.

ACME ROSE DUST Squeeze Duster

ROSE DUST squeeze duster $1.39.

ACME 6% CHLORDANE DUST

Easy does it. Simply sift on lawns and in the garden for controlling ants, lawn moths, chiggers, cutworms, earwigs, grubs or work into gardening soil for wireworms, grubs, root maggots. Excellent for spotting along baseboards, or crevices in homes to eliminate unwanted ants, cockroaches, silverfish, crickets and box elder bugs. 1-lb. sifter carton 65c.; 4-lb. bag $1.75.

ACME EMO-NIK

OIL-NICOTINE SPRAY. A complete contact insect spray combining nicotine in its most active form with a summer oil emulsion preferred by many because its residue enhances appearance of foliage. Controls aphis, mealy bug, red spider, thrips, whitefly, rust mites, certain scale insects and many other garden pests. Recommended for outside use and under glass. 4½ ozs. 45c.; pt. 90c.; qt. $1.40; gal. $3.50.

ACME DIELDRIN 18

SENSATIONAL CONTROL OF LAWN INSECTS and many others in gardens, gardening soil and household. Controls ants, chiggers, white grubs, sod webworm and others in gardens and gardening soil, also cutworms, wireworms, earwigs, slugs, root maggots and others; household pests such as roaches, silverfish, carpet beetles, box elder bugs and others. 8-oz. bottle $1.35; qt. bottle $3.75; gal. bottle $13.25.

PESTROY—25% DDT

A liquid concentration of DDT—dilute with water and use. A contact poison killing both sucking and chewing insects on foliage. It has good residual effect for controlling flies and mosquitoes in barns (except dairy barns) and around other buildings. 1 gallon makes 5 gallons of 5% spray. Qt. $1.70; gal. $5.25.

ACME FRUIT TREE SPRAY

Eliminates mixing a number of separate sprays. Wormy, scabby and diseased fruit can be avoided on apples, pears, peaches, plums and cherries. 12-ounce package makes 9 gallons dilute spray—enough to give 48 to 60 young trees *one spraying* or 9 to 24 full-grown trees, depending on the kind. 12 ozs. $1.45; 2 lbs. $3.25.

ASK FOR FREE ACME SPRAY GUIDE

ACME 50% MALATHION SPRAY

A SAFE PHOSPHATE TYPE SPRAY. A spectacular new development proven for control of flies, mites and many insects attacking flowers, ornamentals, vegetables, fruit trees and plants under glass. Malathion brings many of the advantages of Parathion (a widely used commercial spray) without requiring extreme precautions. Residual activity 8 to 10 days. Oz. 50c.; 4 ozs. $1.25; pt. $3.00.

ACME DIMITE

Red spiders and other mites often ruin evergreens, stunt blossoms and can even destroy fruit crops. These tiny forms, hardly distinguishable with the naked eye, reproduce in such unbelievable numbers that they can raise havoc by sucking juices from the host plant. Acme Dimite kills mites quickly and gives protection for several weeks. 2 ozs. 75c.; 8 ozs. $2.00; qt. $8.25.

ACME DURADUST #50

A finely divided, wettable powder containing 50% technical DDT. Has many uses in control of insects in the garden, on fruit trees and in outbuildings. Kills both sucking and chewing insects on foliage, houseflies and mosquitoes by wall treatment. Most economical form to buy DDT. Lb. 90c.; 4 lbs. $2.45.

ACME LIME SULFUR (DRY)

A very valuable spray against many insects as well as some important fungous infections. It is a favorite spray in control of scale, mites, peach leaf curl, mildew on fruit trees, berry bushes, and as clean-up spray on roses. Lb. 85c.; 5 lbs. $3.55.

ACME GARDEN GUARD WITH COPPER

ROTENONE WITH A COPPER FUNGICIDE. Safe to use on garden produce right up to harvest time. Controls many aphids, beetles, worms and prevents establishment of mildew, leaf spot and rust. An excellent combination for flowers as well as vegetables. Saves buying and applying two separate items. Lb. 69c.; 4 lbs. $1.75.

ACME GARDEN FUNGICIDE

NEW MODERN FUNGICIDE, containing Captan (30%) and Karathane (3%). Gives highly satisfactory results in control of blackspot and powdery mildew on roses and many diseases of certain other flowers and ornamentals. Fungicide spraying is well worth while. ½lb. carton $1.40.

ACME WEED KILLER

A universal weed killer toxic to all forms of plant growth including trees. Gets rid of unsightly weeds in driveways, parking areas, flagstone terraces, clay courts where no vegetation whatever is desired—can render soil sterile for two years and more. Pt. 60c.; qt. 90c.; gal. $2.50.

INSECTICIDES, continued

Be sure to include postage on insecticides if wanted by mail.

Ant-"X" Jelly. Prepared ant-bait in handy, convenient tubes. Brings swift death to ant legions—used indoors or out, a sure kill for nest or hill. 1-oz. handy tubes 35c.; 4-oz. handy tubes $1.00.

DU PONT AMMATE WEED KILLER. An effective chemical weed killer for poison ivy, sumac and other tough weeds. Dissolves easily in water. Do not use on lawns. 2 lbs. $1.15; 6 lbs. $2.95.

Aramite 15W

Wettable powder for the control of various mites on a wide variety of plants. 4 lbs. $3.60.

ACME ARSENATE OF LEAD

Thoroughly reliable in killing eating insects which destroy foliage and attack fruits. Safe to use on tender foliage. When worked into lawns and other turf, grubs, worms, etc. are killed and the turf "proofed" against insects for some years. Treatment discourages germination of crabgrass seeds. 1-lb. carton 90c.; 4 lbs. $2.10.

Ortho Aerosols

Ant and Roach. 12 ozs. 98c.
Home and Garden. 15 ozs. $1.59.
Indoor Plant. 5 ozs. 89c.
Scram Dog Repellent. 12 ozs. $1.49

Benzene Hexachloride

(6% Gamma Isomer)

Has given excellent results in the field against many hard-to-kill insects—plum curculio, grasshopper, cotton insects, etc. 5 lbs. $2.45.

Black-Leaf 40

Nicotine Sulphate—40 per cent Nicotine

Destroys aphis (plant-lice), thrips, leafhoppers on all trees, bush and vine fruits, vegetables, field crops, flowers and shrubs, also apple red bug, pear psylla and similar soft-bodied sucking insects. 1 oz. makes 6 gals.; 1 lb. makes 80 to 250 gals. Oz. 49c.; 5 ozs. $1.39; lb. $2.98; 2 lbs. $5.29; 5 lbs. $8.45; 10 lbs. $16.25.

ACME BORDEAUX MIXTURE

This mixture is the standard copper fungicide that has given fine satisfaction for over a hundred years. Controls many diseases on fruit trees (including peach leaf curl), vegetables, flowers and shrubs. As Bordeaux is a preventative, spraying should start early, before fungus spores gain foothold. Lb. 80c.; 4 lbs. $1.95.

Copper Sulphate (Blue Stone). Lb. 40c.; 5 lbs. $1.75; 25 lbs. $7.75.

CYANOGAS A modern fumigant for greenhouse or orchard use and for extermination of rodents, vermin, etc.

Cyanogas G for greenhouse, mushroom and soil fumigation.

Cyanogas A to kill ants, rats, moles, woodchucks, fleas, moths, bats, etc.

25-lb. tins $13.75; 5-lb. tins $4.25; 1-lb. tin $1.25.

Cyanogas Foot Pump. $15.00.

Cyanogas Ant-Killer. 4-oz. can 50c.

DOG-CHECK. "The Modern Repellent." The only effective, proved curb to canine habits, needed by all whose neighbors' dogs "visit" and wither flowers, lawns, hedges, shrubs and saplings. 3-oz. bottle, with applicator, 60c.; 8-oz. bottle, with applicator, $1.00.

END-O-PEST. 3-Way Garden Defense. For control of chewing and sucking insects and fungous diseases. 8-oz. gun 98c.; Refills 75c.

FLEA-NOT POWDER. Kills fleas, ticks, lice and other parasites which infest the skin of dogs and other pets. Harmless to the skin of animals. Easy to use. Attractive shaker-top can. 25c.

DU PONT FERMATE. A fungicide highly effective against many fungi, safe on a wide range of plants, and particularly useful in the control of certain rose diseases. Can be used as dust or spray. 8 ozs. $1.00.

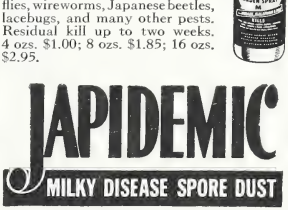
DU PONT FLORAL DUST. For the control of many insects and diseases of flowers. Contains rotenone and methoxychlor for the control of insects, and sulphur and Fermate for control of diseases. Lb. $1.25; 3 lbs. $2.75.

ACP Grass Killer

TCA 90% kills Bermuda, Quack, Johnson, Para and other perennial and annual grasses. 1 lb. treats approximately 400 sq. ft. of area. Also used as a selected weed and grass killer in crop land in lesser amounts. Full directions on each package. 10 lbs. $6.00. 1½ lbs. $1.95.

Isotox Garden Spray

A truly fine, new insect spray containing Lindane. Kills aphis, lawn moth, earwigs, ants, thrips, flies, wireworms, Japanese beetles, lacebugs, and many other pests. Residual kill up to two weeks. 4 ozs. $1.00; 8 ozs. $1.85; 16 ozs. $2.95.



Controls Japanese beetles. Treat your soil against these pests and save your turf from ruin. Will remain active in the soil for many years to kill the Japanese beetle grubs. Japidemic is harmless to plants, human beings, and animals when used according to directions. 1 lb. treats 4000 sq. ft. Ask about Japidemic NOW. Lb. $5.95.

K-R-O. *Kills rats and mice only.* Will rid your premises without endangering your pets. 2 ozs. powder $1.00. Ready mixed, small size 50c.; large size $1.00.

LIME-SULFUR SOLUTION. Qt. 45c.; gal. $1.25; 5 gals. $4.25. Write for prices on larger quantities.

Mologen (Mole Killer). Eliminates moles from your lawns. 8-oz. can 50c.; 24-oz. can $1.25.

Molite Mole Killer

Directions: Make openings in ridges or mounds with a trowel or stick. Light fuse and insert cartridge horizontally in runway, then seal hole with sod or soil. Also close other openings where gas fumes might escape. Use 1 Molite every 10 to 15 feet for best results. 16c. each; $1.80 per doz.

Methoxychlor

Du Pont 50% Technical Methoxychlor Wettable Powder is a residual Insecticide with an exceptionally low degree of toxicity to man and other warm-blooded animals. It controls many insects affecting common garden plants, fruits and ornamentals, without causing injury to the plants. Also it is highly effective for use on dairy cattle and as a residual insecticide in buildings. 8 ozs. $1.00; 4 lbs. $3.50.

ORTHOCIDE Garden Fungicide

Contains 50% Captan. A wettable powder formulation for the control of certain fungous diseases of many fruits and vegetables, ornamentals, flowers, lawns, ornamental greenhouse crops, seeds and for certain soil-borne diseases. ½ lb. $1.25; lb. $1.95.

Para-Dichlorobenzene. The effective cure for peach-tree borer. Lb. 98c.; 5 lbs. $3.75.

PAX CRABGRASS and Soil Pest Control

Apply Fall or Early Spring: PAX Crabgrass Soil Pest Control has proved 85 to 100 per cent effective in killing crabgrass seeds. Its seed-killing ingredients are highly soluble and remain on the surface to kill seeds that ripen and fall after application, in addition to those on the ground at time of application. Fertilizes other grasses, controls turf pests. Apply only to established lawns. 20 lbs. $5.50; 40 lbs. $9.98.

ACP Poison Ivy and Poison Oak Killers

containing AMIZOL Trade-Mark

Amizol is a patented material. Tests show it to be the best chemical available for killing poison ivy and poison oak. Does not sterilize the soil. Noncorrosive. 8-oz. canister $1.25; 24-oz. canister $3.35.

INSECTICIDES, continued

Be sure to include postage on insecticides if wanted by mail.

ANIMAL REPELLENT ROPE

Chases dogs, cats. Protects your garden, flower beds, shrubbery and trees. It is not like powder or liquid repellents. 100 ft. $1.50.

RAT-NOTS. *"Their Last Meal"*

Non-poisonous, relatively harmless to humans and domestic animals. Small size 35c. Large size $1.00.

MOUSE-NOTS. Ready to use. Trial size 35c. Estate size $1.00.

MOLE-NOTS. Kills moles in their holes. Trial size 35c. Estate size $1.00.

ROACH-NOTS. Roaches safely destroyed. Trial size 25c. Estate size $1.00.

ANT-X ANT TRAPS (Thallium). A safe, sanitary method for controlling ants in house. 25c. each.

ACP Rose and Floral Dust

Contains Ferbam, Sulphur, DDT, Lindane, Ovotran.

Complete protection against bugs and plant diseases in one product. A fungicide, insecticide, aphicide and miticide all in one! May be used as dust or spray. Lb. $1.49; 3 lbs. $3.75.

Sla-Rat

Contains Warfarin, the new superior rat and mouse poison. A convenient prepared bait; no mixing necessary. Harmful to pets and humans. Lb. $1.00.

Snarol. An effective bait for controlling cutworms, grasshoppers, snails, slugs and sowbugs. Not injurious to plants or other vegetation. Lb. 50c.; 2½ lbs. $1.00.

Semesan. A disinfectant for use in treating seed. 4 ozs. $1.20; 12 ozs. $3.40.

Sulphur for Dusting. Lb. 20c.; 10 lbs. $1.50; 25 lbs. $2.75; 100 lbs. $10.50.

Scalecide. A miscible oil used as a dormant spray against scale and other pests. Qt. $1.39; gal. $3.25; 5 gals. $13.50.

Tobacco Dust. Lb. 15c.; 10 lbs. $1.00; 25 lbs. $1.95; 100 lbs. $3.45.

TRI-OGEN

The all-purpose spray

(TRIPLE SPRAY TREATMENT)

Complete protection against plant diseases and insects. Stimulates plant growth. In highly concentrated form. Trial Kit $1.69; Small Kit $2.49; Medium Kit $6.25; Large Kit $9.50; Estate Kit $30.00.

SYNKLOR-50-W CHLORDANE INSECTICIDE. A dry wettable powder containing 50% technical chlordane. Controls ants, chinch bugs, grasshoppers, Japanese beetles, Japanese beetle grubs, mole crickets, roaches, ticks and wireworms. 8-oz. can $1.50; lb. can $2.50.

SYNKLOR 48 E

Chlordane Termite Control

Gives effective, quick initial control; provides long residual effectiveness in soil. Economical to use. Not a repellent; thus kills rather than scatters an infestation. 8 ozs. $1.60; qt. $4.00; gal. $9.85.

TREEKOTE. Pruning compound and tree-wound dressing. The use of Treekote is urged for even the smallest cuts, as they require the same degree of safety indicated for large wound areas. Treekote protects trees against wound diseases. Use it on fresh cuts or for correcting damage of old cavities. Pt. 60c.; qt. 80c.; gal. $2.10.

Volck. A spray for the garden, nursery and greenhouse; effectively controls red spider, mites, whiteflies, scales, mealy bugs, caterpillars, aphis, thrips, etc. Pt. 75c.; gal. $3.00; 5 gals. $9.95.

DU PONT VEGETABLE GARDEN DUST. A combination product which controls most common garden insects and diseases at the same time. Contains methoxychlor, deadly to most sucking and chewing insects; rotenone, another basic insecticide which controls many insects; Parzate, a fungicide for controlling many fungous diseases on vegetables. Lb. $1.25; 3 lbs. $2.75.

V-C 13 NEMACIDE

New amazing chemical for controlling nematodes without lifting plants or turf. V-C 13 kills nematodes around the roots of the growing plants, permitting trees, shrubs and grass to live through the treatment, and to recover health and growth after nematodes have been destroyed. 8 ozs. treats approx. 100 sq. ft. 8 ozs. $2.50; 2½ lbs. $8.50; 10 lbs. $28.50.

WEEDUST. the 2,4-D weed-killer in dry powder form. Just dust each weed directly from the ready-to-use can. No measuring, no mixing. Ideal for destroying those "here and there" weeds; just the thing for the man whose problem does not require a sprayer. $1.00 per can.

WEEDONE

TRADE MARK

New Improved Weedone contains the powerful 2,4,5-T and 2,4-D, the two most effective systemic herbicides known.

Kills poison ivy, poison oak, bindweed, honeysuckle, dandelion, other noxious weeds. Non-corrosive, safe for humans and animals.

8 ozs. (makes 5 gals. spray).....$1 00
Qt. (makes 25 gals. spray)..... 2 75
Gal. (makes 100 gals. spray)..... 6 75

Larger quantities on request.

WEEDONE. Easy weed-away Sprayer. 59c.

WEEDONE. (Dry formulation)

5 lbs. (treats 3000 sq. ft.).....$2 98
18 lbs. (treats 11,000 sq. ft.)..... 4 98

WEEDONE BRUSH KILLER 32. A combination of the powerful 2,4,5-T and 2,4-D. This concentrated butoxy ethanol ester formulation is highly effective in killing brush and weeds in parks, playgrounds, pastures, roadsides, waterways, and any wooded area. 1-qt. can $3.75; 1-gal. can $7.25.

Weedone Crab Grass Killer

Containing MCP

A really superior product for the control of crab grass and chickweed. Contains potassium cyanate and MCP. This combination increases its effectiveness as a crab grass and chickweed killer and also kills such lawn weeds as dandelion, plantain, buttercup, heal-all, purslane, veronica, pennywort and wild carrots without killing the grass or clover. 6½-oz. can $1.25; 26-oz. can $3.75; 6-lb. can $9.70.

Weedone® Crab Grass Killer

Containing SODAR
(disodium methylarsonate)

Here is the newest chemical for the control of crab grass and common chickweed. Also effective on nutgrass, foxtail, barnyard grass, witch grass and dallis grass.

Will not injure most lawn grasses including fine bents. Fine-leaved fescue grasses should be treated when temperatures are below 80°. 4-oz. can $1.25; 1-lb. can $3.50; 2-lb. can $6.59; 6-lb. can $18.00.

SODAR. (Dry formulation)

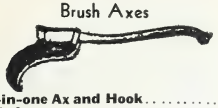
5 lbs. (treats 1500 sq. ft.).....$2 98
13 lbs. (treats 4000 sq. ft.)..... 6 65

Weedone® Chickweed Killer

A specific product containing potassium cyanate for use on chickweed.

Weedone Chickweed Killer can be used in early spring to rid the lawn of chickweed. 6½-oz. can $1.00; 26-oz. can $3.00; 6½-lb. can $8.85.

Brush Axes



Two-in-one Ax and Hook.....$7 35
Brush Ax..... 5 35

Axes

3 to 3½ lb., with handles.....$6 35
4 to 4½ lb., with handles..... 6 65

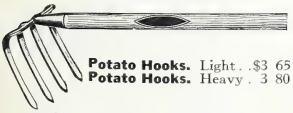
Pitchforks

Regular. 4-tine.....$3 90
Special. 5-tine..... 4 20
Long-handled. 3-tine..... 3 80

Spading Forks

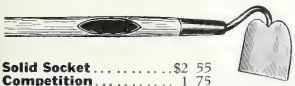
"D" handle; light.....$3 30
"D" handle; heavy..... 3 45
"D" handle; extra heavy..... 4 20

Potato Hooks



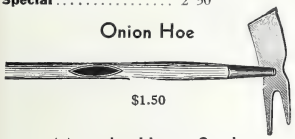
Potato Hooks. Light..$3 65
Potato Hooks. Heavy. 3 80

Steel Hoes Sizes 6 and 7



Solid Socket.....$2 55
Competition..... 1 75
Special..... 2 50

Onion Hoe

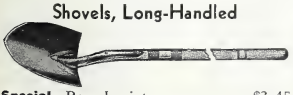


$1.50

Mattocks, Heavy Steel

Steel. 6-in. long cutter.....$4 85
Picks..... 4 85
Handles, extra..... 1 35
Little Digger Ladies' Mattocks.
With handle..... 4 95

Shovels, Long-Handled



Special. Round point.....$3 45
Scoop No. 8..... 4 95
"D" Handle..... 3 85

Asparagus Knives or Weeders

70c.

Rural Mail Boxes

Inside measurements: 18¾ in. long, 6⅜ in. wide, 8¾ in. high. $3.25.

Spades

Special. "D" handle.....$4 35
Long Handle..... 4 35
Nursery..... 7 95

Scythes

American Grass.....$4 00
Diamond Bush. Assorted..... 4 00
Austrian..... 4 75

Snathes

Patent.....$3 45

Sickles

Nowatoco.....$1 50
Graswip..... 2 00

Transplanting Trowels

Finger Weeder.....$0 30
Steel..... 30
Steel Narrow..... 30
Heavy Forged..... 1 75
Hoe Trowel..... 1 80

Hole-in-One Planter

Plant setter and bulb planter. This handy tool makes a hole in one operation. Merely cut the tool into the soil, remove it with a slight twisting motion and the soil comes with it, leaving a clean hole in which plants or bulbs may be set. $1.00 each.

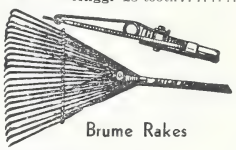
The Jiffy Planting Tool

THE JIFFY PLANTER, which one can use in a standing position, is made of strong durable steel with a tubular steel "T" handle. It easily cuts a cylindrical hole up to 10 inches deep, depending on the pressure put on the angle foot bar. A slight twist and the tool draws out the soil, leaving an ideal hole for setting of bulbs and plants, and automatically pushes the soil from the cylinder with each succeeding insertion. $3.98.

Crab Grass Rake $3.15

Wood Rakes

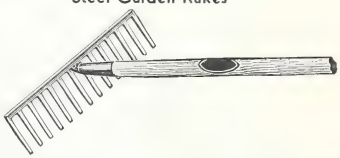
Rugg. 28-tooth.....$2 45



Brume Rakes

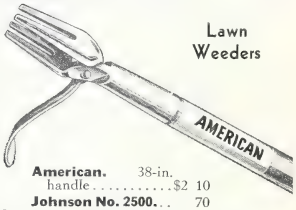
No. D18. Disston. 18 in.....$3 25
No. D24. Disston. 24 in..... 3 95
No. B22. Steel Spring...... 2 00
Bamboo. Wood handle. Maguire $1 50 up

Steel Garden Rakes



No. 15. Bow.....$3 30
No. HL14. Level Head..... 3 10
No. ALS14. Level Head..... 2 40

Lawn Weeders



American. 38-in. handle.....$2 10
Johnson No. 2500.... 70
Long Handle Lawn Weeder. 38-in. handle.....$1 10

GULF HOUSEHOLD SPRAYS

Gulf Trak

A many-purpose surface spray to use against moths, mosquitoes, fleas, silverfish and bedbugs. Contains 6% DDT; stays deadly as long as DDT deposit lasts—usually for weeks, sometimes for months. Highly refined solvent and base won't shrink woolens or stain color-fast fabrics. Pt. 49c.; qt. 79c. Aerosol 98c.

Gulf Roach and Ant Killer. Triple-action surface spray for crawling insects that are extra hard to kill. Contains pyrethrum and chlordane. Fast acting, long lasting, safe to use. Pt. 59c.; qt. 98c.

Gulfspray Aerosol Bomb

There has been no compromise with quality. In performance, in effectiveness, in safety for the user, the New Gulfspray Aerosol is everything you would expect. Kills flies, ants, mosquitoes, roaches and flying moths. $1.35.

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Root QUALITY BEE SUPPLIES

BEE SUPPLIES

Bee-keeping has grown into an important industry, as well as a profitable hobby. We carry a full line of the popular Root Bee Supplies. Write us for a complete catalog.

Binder Twine

It is well understood that good Binder Twine is essential to successful binding. Uniform size and strength are the characteristic features of our Binder Twine. It will not kink and clog the knotter or pull thin and break. 500 feet to the pound. 5-lb. ball, $1.75. Special prices on bale lots.

Plow Lines

14 yds. ⅜-in. Sisal rope. $1.10.

Best Quality Roofing

One roll of Roofing is sufficient to cover 100 sq. ft. of roof-space. Price given is per roll.

2-ply.....$3 00
3-ply..... 3 85

Dibbles

Bent wood handles; steel points.....$1 90

Galvanized Buckets

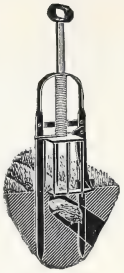
10 qt.....$0 95

Parker Lawn Sweepers

You can save many hours of raking your lawn by owning a Lawnsweeper. Easy to operate and will do a clean job of sweeping up leaves, grass clippings, etc. Parker lawn sweepers have no equal. Rugged construction; handling ease. Fold-away storage; 0 to 2½-in. sweeping height adjustment; precision machined cast aluminum side frames and wheels; plated handles and hardware; precision molded heat-treated pinion gears; rubber rollers under basket.

Parkerett, 20 in.....$35 00
Parkerett, 28 in..... 44 00
Springfield, 28 in..... 57 50
Homemaster, 28 in. Power.....159 50

Mole Traps

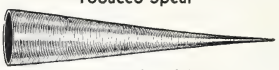


The mole causes great loss and annoyance to growers and market gardeners. One mole can cause the loss of an entire seed-bed in a few hours. One Mole Trap will catch and destroy them. We guarantee these Traps to work satisfactorily. $2.35.

Hotbed Sash

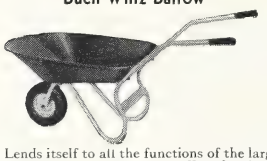
Made of the best white pine. Unglazed and not painted. Size 3 ft., 2 in. x 6 ft. Four rows 8-in. glass, $6.00 (without glass).

Tobacco Spear



Made of 16 gauge shaped for easy penetration; point ground sharp, 7 inches long, 1⅜ inches diameter. 85c.

Buch Whiz Barrow

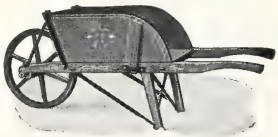


Lends itself to all the functions of the large professional barrow, on a small scale. 3 cu. ft. capacity; ball-bearing wheel with 10 in. cushion tire; rubber handle grips, and sturdy steel tray.

Large enough for general use around the home and garden; small enough for use by the "lady of the house."

WHIZ (as illustrated) $18 00
Mod. S.P. 150. ..... 13 30

Garden Wheelbarrows



No. 5. Steel Tire.....$19 50
No. 5. Pneumatic Tire..... 34 95

Milcor DeLuxe Pick-up Cart

Sturdily constructed of heavy gauge steel, rubber tired, tilts forward to receive heavy objects. Capacity 2¾ cu. ft. $8.45.

No-See Grass Barrier

Used around flower beds, trees, shrubs; along fences, driveways and hedges. Provides barrier to prevent spreading of grass beyond desired point. Installed flush with soil. Eliminates hand trimming grass. Lawn mower trims as you mow. 40 ft. $4.79.

No-See Root Barrier

2-ft. Section. Height 12 in.....$0 89
Box 50 ft. (25 Sections).....19 95

Turbo-Jet Leaf Mill

Litter Bug Jr.

One TURBO-JET can do the work of 10 men with rakes!

Have neat, leaf-free grounds with a minimum of time and effort! TURBO-JET quickly, efficiently gathers and pulverizes leaves in one easy operation—puts them back into your lawn as almost invisible mulch—no bags to empty, no leaves to dispose of! TURBO-JET gets leaves out of ivy beds, shrubbery, curbs and fences as well! Compact, sturdy, easy to use. Small in size, yet BIG in capacity. With Bagging attachment, $180.00.

Well Buckets

Dixie.....$4 95

Ellisco Japanese Beetle Traps

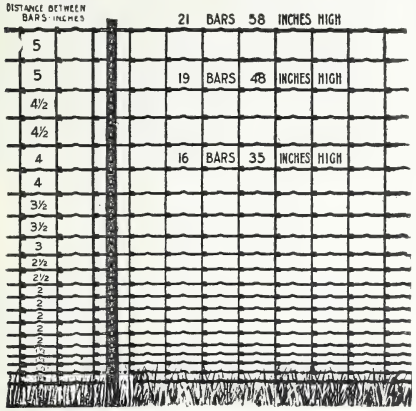
The use of these Traps in all parts of the beetle-infested area has proved definitely their value in catching these pests and reducing the annual increase. Today their advanced design makes them the most efficient destroyers of the full-grown Japanese beetles. No 3 Trap $1.30.

Bait No. 10, oz. 25c.; No. 11 Liquid, 65c. Rods 70c. Cages 70c.

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE

Hog and Cattle Steel Wire Fencing

	Height	No. bars	20-rod roll
No. 726. Hog Fence	26 in.	7	$28 25
No. 832. Hog Fence	32 in.	8	32 75
No. 1047. Cattle Fence	47 in.	10	31 50



American Steel Poultry Fence

	Height	10-rod roll
No. 1948.	48 in.	$15 75
No. 2158.	58 in.	17 45
No. 2672.	72 in.	21 45

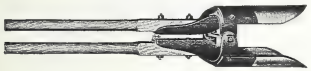
Diamond Mesh Poultry Fence

	2-in. mesh		1-in. mesh	
Height	Per foot	Per roll 100 ft.	Per foot	Per roll 100 ft.
12 in.				
18 in.			$0 08	$6 50
24 in.	$0 07	$4 35	10	7 45
30 in.				
36 in.	08	5 90	13	11 35
48 in.	10	7 45	17	13 00
60 in.	12	9 85		
72 in.	14	10 50		

Barb and Strand Wire

Barb Wire. 5 in. between barbs. 80 rods $11 60
2-Strain Twist Wire. 80 rods 10 95

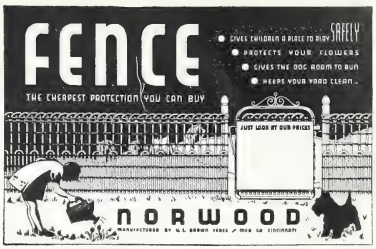
Post-Hole Diggers



$4.95

Lindig Soil Shredder

A necessary piece of equipment for florists, nurserymen, landscape architects and soil dealers. The newly developed "actionized" shredding blades are made of a special alloy steel to resist the most severe wear. Each shredder blade is free swinging. The stationary blades are individually mounted with a spring on each blade. Allows only the non-crushable object to pass through the shredder. Model Jr. B with Motor $159.50; Model 2B6 with Motor $234.50.


FENCE
THE CHEAPEST PROTECTION YOU CAN BUY
GIVES CHILDREN A PLACE TO PLAY SAFELY
PROTECTS YOUR FLOWERS
GIVES THE DOG ROOM TO RUN
KEEPS YOUR YARD CLEAN
JUST LOOK AT OUR PRICES
NORWOOD

Height	Style 100 Single Foot	Style 600 Double Foot
36 in.	$0 35	$0 50
42 in.	40	60
48 in.	45	65

FLOWER BORDER	Foot		Foot
16 in.	$0 20	22 in.	$0 26
Trellis. 18 in.			26

Special prices on full roll lots

Flower Border Wickets

Made of process-hardened steel covered with indestructible plastic, rust proof, will never need painting. Just the right height to protect flower beds or small shrubs; 16 inches high, 9 inches wide. White or green color. $1.89 per dozen.

Lawn Gates

	Scroll-Top		Scroll-Top
3 ft. by 36 in.	$9 25	3 ft. by 48 in.	$10 75
3 ft. by 42 in.	10 25	4 ft. by 48 in.	11 45
Double Drive Gate. 8 ft. by 36 in.			26 75
Double Drive Gate. 8 ft. by 42 in.			27 25
Double Drive Gate. 10 ft. by 42 in.			31 25

CHAIN LINK FABRIC

Makes a strong non-climbable, attractive fence
2-inch mesh, No. 11 Gauge (Galvanized before weaving)

	Ft.		Ft.
36 in.	$0 46	48 in.	$0 57
42 in.	50	60 in.	70

Special prices on full roll lots

Staples

¾ or ⅞ in., for poultry wire, lb. 20c.; keg $14.45; 1¼ in. for stock fence, lb. 15c.

LAWN STAKES

FOR INEXPENSIVE PROTECTION

HARDENED STEEL, PLASTIC COATED... WILL NOT RUST... WILL NEVER NEED PAINTING

27" HIGH

Bild-A-Fence Lawn Stakes

Made of ⅜ in. diameter rod coated with a heavy layer of tough Tenite plastic. 27 inches high. Green in color.

These lawn stakes, with a wire or rope run through the loop, afford inexpensive protection for freshly-seeded lawns or newly-planted flower beds. $1.44 per doz.

There's A Difference Worth Knowing

SCIENTIFICALLY BALANCED FORMULAS

PRODUCE INCREASED CROP YIELDS

GOLD TAG FERTILIZER *for Golden Harvests*

LET US QUOTE YOU ON LARGER QUANTITIES OF BOLGIANO'S GOLD TAG FERTILIZERS

For any particular service or advice in connection with soil and fertilizer problems, please feel free to consult with the specialists in our fertilizer department.

BOLGIANO'S SPECIAL TURF FOOD

6-12-4

The beautification of your home, no matter how well you may landscape it with artistic shrubbery, will depend on the attractiveness of your lawn. No lawn can ever develop its full beauty without proper feeding. Bolgiano's Special Turf Food is carefully formulated to provide complete feeding for lawns. It is non-acid-forming, and each bag has full directions for proper application. Ask for our leaflet on "Handy Guide to a Beautiful Lawn." 80 lbs. $3.25; 50 lbs. $2.25; 25 lbs. $1.45.

Gold Tag 5-10-5

Prepared especially for the truck farmer and home gardeners. It will grow the finest vegetables, and is very desirable for truck crops. Contains 5% Nitrogen, 10% Phosphoric Acid, 5% Potash. 80 lbs. $2.50; 50 lbs. $1.75; 25 lbs. $1.15; 10 lbs. 75c.; 5 lbs. 45c.

Gold Tag 10-6-4

Suited to grasses and grain crops where an increased amount of nitrogen is needed. Contains 10% Nitrogen, 6% Phosphoric Acid, 4% Potash. 80 lbs. $3.35; 50 lbs. $2.50; 25 lbs. $1.50.

Gold Tag Bone Meal

Contains Nitrogen and Phosphoric Acid. We recommend this especially for lawns, gardens and outdoor plants, or any other place where a high-class fertilizer counts. Apply 800 to 1000 pounds per acre. 100 lbs. $5.95; 50 lbs. $3.50; 25 lbs. $2.00; 10 lbs. $1.00; 5 lbs. 60c.

Sulphate of Potash. Contains 48% potash. 80 lbs. $4.00.

Muriate of Potash. Contains 60% potash. 80 lbs. $3.65.

Aluminum Sulphate. Used to make soils acid. Lb. 15c.; 3 lbs. 40c.; 10 lbs. 90c.

Blood-Meal (For Roses). Lb. 25c.; 5 lbs. 95c.; 10 lbs. $1.75.

BOLGIANO'S RHODO-AZALEA FOOD

For plants requiring an acid soil for luxuriant growth, such as rhododendrons, azaleas, camellias, etc. You can enjoy better plants and blooms by using BOLGIANO'S RHODO-AZALEA FOOD. 5 lbs. 55c.; 10 lbs. 95c.; 25 lbs. $1.75; 100 lb. $5.45.

BOLGIANO'S MINERALIZED GARDEN PLANT FOOD

5-10-5

A complete plant food scientifically prepared containing, in addition to nitrogen, phosphoric acid and potash, the essential minor mineral elements of manganese, magnesium, copper, iron, and boron. Nitrogen is derived from both organic and mineral sources.

Feed your vegetables, flowers, trees and shrubbery with Bolgiano's Gold Tag Mineralized Garden Plant Food and insure the nourishment necessary for luxuriant growth, beauty and perfection. Directions for use on each package. 100 lbs. $3.85; 50 lbs. $2.25; 25 lbs. $1.40; 10 lbs. 85c.

Gold Tag 5-10-10

Is a splendid analysis for grains of all types. Contains 5% Nitrogen, 10% Phosphoric Acid, 10% Potash. 80 lbs. $2.65.

Gold Tag 7-7-7

For tobacco plant beds. It will produce just the type of sturdy plants needed to give you the proper start for your field crops. Contains 7% Nitrogen, 7% Phosphoric Acid, 7% Sulphate of Potash. 80 lbs. $2.85.

Gold Tag 4-8-12

Has been formulated especially for tobacco crops. Produces the maximum of bright, high-priced leaf. The potash content is from sulphate of potash. Contains 4% Nitrogen, 8% Phosphoric Acid, 12% Potash. 80 lbs. $2.85.

Gold Tag Superphosphate

Contains 20% available Phosphoric Acid. Recommended for all grain and grass crops. 100 lbs. $2.50; 50 lbs. $1.45; 25 lbs. 95c.; 10 lbs. 60c.

Hydrated Lime. 10 lbs. 30c.; 50 lbs. 85c.

Nitrate of Soda. 100 lbs. $4.75; 50 lbs. $2.65; 25 lbs. $1.65.

Pulverized Limestone. 80-lb. sack 95c.

BOLGIANO'S ROSE FOOD

Roses require an entirely different kind of feeding than that supplied by the usual general fertilizers. BOLGIANO'S ROSE FOOD has been tried by rose growers and has proved to be an excellent combination of fertilizer materials to insure healthy bushes with colorful blooms. 5 lbs. 75c.; 10 lbs. $1.25; 25 lbs. $2.75; 100 lbs. $9.00.

FERTILIZERS, PLANT-FOODS, ETC.

PEAT MOSS

Finely granulated, thoroughly dried material of good quality. The dependable source of necessary organic matter (humus) in the soil. Free from weed seed and injurious bacteria. Maintains proper moisture content in soil, improving its condition; for propagating benches, and where layering is practiced; for leveling greenhouse benches in place of sand or ashes; in potting soil; for storing bulbs and tubers over dormant season; mulching flower and vegetable beds, evergreens, roses, shrubs, etc. For making lawns and keeping them in condition and for many other purposes. Standard size bales, burlapped and protected by wooden slats, wire bound. Size approx. 36 x 19 x 19 in. $5.45. Plastic Kar Bale approx. 18 x 14 x 30 in. $4.25. Pk. 65c.; 3 pks. $1.19.

MICHIGAN PEAT

Michigan Peat has been the outstanding favorite with nurserymen, gardeners, golf clubs, parks and home owners for over thirty years as a soil conditioner and mulch for lawns and planting of flowers and nursery stock. Especially good for plants that require an acid soil. ½pk. 59c.; pk. 98c.; 25 lbs. $1.69; 50 lbs. $2.49; 100 lbs. $4.49. Prices on larger quantities on request.

Nodampoff Sphagnum Moss

The remarkable growing medium highly recommended by nurserymen and other authorities as the ideal medium for almost 100 per cent seed germination. This sure, successful method of germination and growing seeds, bulbs and house plants has been used many years by professional growers. Now it is available for home use.

By following simple directions, you can produce high yields of flowers, vegetables and bulbs in ordinary pots and pans.

Package will fill from 8 to 12 flower pots. 98c.

Hyper-Humus

Nature's Own Soil Enricher

This is rich soil humus that has been aerated, sweetened and composted, making it an ideal top-dressing for lawns and flower beds.

For lawns use 200 lbs. to 1,000 square feet; for vegetables and flowers spread about 1 inch thick. It will work wonders. 25 lbs. $1.69; 50 lbs. $2.49; 100 lbs. $4.49.

Prices on larger quantities on request.

Terra-Lite* BRAND VERMICULITE PLANT AID

TERRA-LITE (Vermiculite). Terra-Lite Plant Aid is a specially graded vermiculite designed for horticultural use. It is not a fertilizer, but has proved to be an ideal growing medium, for rooting cuttings, plant propagation, seed germination, mulch, and many other uses. 4 cu. ft. bag, $2.25; ½bu. 85c.; ⅛bu. 40c.

ADCO

A powder which, when mixed with almost any non-woody vegetable waste, such as leaves, vines and weeds, and kept moist, gradually converts the mass into real manure fully equal to the farmyard product in fertilizing power, but free from foul odor, flies, weed-seeds, etc.

150-lb. bag (enough for making 3 tons of manure) $17 95
20-lb. bag (enough for making ½ ton of manure) 3 50
5-lb. pkg. 1 50

Activo

Makes rich, activated fertilizer from waste leaves, garbage, grass, chaff, corncobs, etc.—even sawdust and soot—quickly, cheaply, easily. No manure required.

No. 2 size, for up to 400 lbs.. $1 00
No. 7 size, for up to 1800 lbs.. 2 95
No. 20 size, for up to 2 tons.. 6 95
Postpaid

COMPŌ

TURNS COMPOST INTO ORGANIC MANURE

Compo is a mixture of chemical materials and is an excellent compost maker which speeds up the decomposition of leaves, grass clippings, vegetable and garden refuse. At the same time it enriches the compost, making it valuable as an organic fertilizer.

7½ lbs. (makes 375 lbs. organic manure) $1 25
25 lbs. (makes 1250 lbs. organic manure) 2 50
50 lbs. (makes 2500 lbs. organic manure) 4 50

Airwrap

Amazing, easy, inexpensive method of producing large plants of trees, vines and ornamentals in a few weeks.

The method basically consists of making a branch of a tree, vine or shrub produce a root system while still attached to the parent tree from which it gets vital support. When the branch develops a sufficiently strong root system, it is cut off and planted. Kit (for about 6 cuttings) $1.95.

PlanTabbs

PlanTabbs are small, white, odorless tablets. A complete properly balanced fertilizer guaranteed the high analysis of nitrogen 11 per cent, phosphoric acid 15 per cent, potash 20 per cent. Water-soluble, and dissolve quickly. 50 tablets 39c.; 90 tablets 59c.; 200 tablets $1.00; 1000 tablets $3.50.

MILORGANITE

MILORGANITE, properly applied, will help you establish deep green grass of uniform color and growth, weed-free turf of velvety texture. You can enjoy the beauty of better blooms in your flower beds or window-boxes; take new pride in garden vegetables of superior quality; have trees and shrubs that are strong and healthy. A Natural Organic Food. 40 lbs. $2.10; 80 lbs. $3.60.

A clean, odorless, soluble powder that makes complete plant food immediately available . . . Simply dissolve in water and apply. Produces bigger plants, larger vegetables, more flowers, better lawns and trees. Stimulates root growth on cuttings, reduces shock to transplants. For use in soil, sand or water (hydroponics) Economical . . . 1 oz. makes 6 gallons balanced liquid feed. Non-burning.

1-oz. pkg. ..... $0 10 | 10-lb. drum.. $8 00
3-oz. can ..... 25 | 50-lb. drum.. 25 00
1-lb. can ..... 1 00 | 100-lb. drum.. 40 00

GARDEN JOY

Garden Joy being a liquid, is immediately available to the root system of plants. As only fertilizer in solution can be utilized by plants, this product promotes growth in the most rapid manner. For potted plants and outside garden. 16 ozs. $1.25.

GRO-STUF

(Concentrated Liquid Fertilizer)

Contains nitrogen 20%, phosphoric acid 20%, potash 20%—*all* the proved chemicals, plus hormones, plus necessary trace elements needed to make stuff grow—trees, shrubs, vegetables, flowers, lawns. A *complete* plant food. Simply mix with water and apply. 5 ozs. 49c.; 1-lb. can $1.25; 4-lb. can $3.75.

NEW ERA PRODUCTS

New Era Soils and Humus are especially prepared for use in growing African violets and other house plants, for seed flats, etc. Packed in convenient plastic containers.

Peat Humus		Potting Soil	
3 lbs.	$0 39	4 lbs.	$0 39
10 lbs.	79	10 lbs.	79

African Violet Soil	
1½ lbs.	$0 19
4 lbs.	$0 39

All Prices Subject to Change Without Notice. Postage Extra Unless Otherwise Indicated

BOLGIANO'S SPECIAL TURF FOOD 6-12-4

The beautification of your home, no matter how well you may landscape it with artistic shrubbery, will depend on the attractiveness of your lawn. No lawn can ever develop its full beauty without proper feeding. Bolgiano's Special Turf Food is carefully formulated to provide complete feeding for lawns. It is non-acid-forming, and each bag has full directions for proper application. Ask for our "Handy Guide to a Beautiful Lawn." 80 lbs. $3.25; 50 lbs. $2.25; 25 lbs. $1.45.

BOLGIANO'S GOLD TAG ORGANIC LAWN AND GARDEN PLANT FOOD 5-4-0

A natural organic plant food containing 5% nitrogen and 4% phosphoric acid for lawns, golf courses, flowers, vegetables, trees and shrubs. Can be used at any time of the year. Especially recommended for summer feeding of lawns. Will not burn if used as directed. Conveniently packaged in 50-lb. bags, with directions. 50 lbs. $2.45; 100 lbs. $4.50.

SEQUESTRENE (Iron Chelate)

Iron is essential for the healthy, vigorous growth of plants and lawns. Plants deficient in iron take on a pale green, unhealthy appearance, commonly referred to as "chlorosis". As this condition progresses, growth is retarded and plants may eventually die.

SEQUESTRENE now offers an effective, economical means of correcting iron deficiency; completely water soluble, may be employed in foliage sprays or applied directly to the soil. Complete directions for use are included with every package. 4 ozs. 95c.; lb. $2.65.

BOVUNG

Cow manure, dehydrated daily, just as it comes from the barns. It is the natural lawn and soil improver. It combines the chemical value of fertilizer with the physical values of manure. Absolutely free of live weed seeds, and can be applied without fear of burning.

When preparing the soil, top-dress at the rate of 50 lbs. for 500 sq. ft. Mix thoroughly with top soil. 5 lbs. 65c.; 10 lbs. $1.10; 25 lbs. $1.60; 50 lbs. $2.80; 100 lbs. $5.45.

ESSKAY PLANT FOOD 5-9-4

Esskay Quality Plant Food is not a temporary stimulating food. Being about 90 per cent organic material, it feeds the soil and furnishes the nitrogen, phosphorus and potash necessary to accelerate and complete plant growth.

Being a complete fertilizer Esskay Quality Plant Food has proven itself by the results it has shown in the development of beautiful lawns, luxuriant flowers, sturdy shrubs and trees. 25 lbs. $2.85; 100 lbs. $6.50.

VIGORO

Supplies all the vital nourishment growing plants must get from the soil for the best growth and development. Ideal for lawns, flowers, shrubs, trees and vegetables. Clean, sanitary, odorless and easy to use. 50-lb. bag $2.65; 25-lb. bag $1.75; 10-lb. bag $1.00; 5-lb. bag 60c.; 1-lb. bag 15c.

GOLDEN VIGORO

Non-burning Golden Vigoro contains all the food elements specifically needed to develop the finest deep-rooted grass. 50-lb. bag, $3.95.

ORTHO-GRO Liquid Plant Food

Contains organic fish in a balanced fertilizer formulation. It is fast and all-available to the roots and foliage, giving quick plant response, 10-5-5 formulation. Excellent for all plants, shrubs and lawns. A clear liquid free from fish bones, etc. Odor is masked for pleasant use. Very economical to use. House plants and potted plants require only ½ teaspoon ORTHO-GRO per quart of water. 4 ozs. 35c.; pt. 90c.; qt. $1.50; gal. $4.95.

URAMITE

A completely new product . . . unlike any source of nitrogen ever used before to promote plant growth . A result of du Pont research, "Uramite" marks a fundamental contribution to the basic science of plant nutrition. It offers for the first time the opportunity to maintain turfgrass and ornamentals in top-quality condition continuously and economically, with less work and worry. 38% nitrogen—highly concentrated. 10 to 15 lbs. per 1000 sq. ft. A single application provides a continuous and uniform supply of nitrogen throughout the entire growing season. 25 lbs. $9.50; 50 lbs. $17.95.

VERTAGREEN

A high-quality, scientifically blended and balanced plant-food, excellent for obtaining more prolific growth of lawns, flowers, shrubs, trees and garden vegetables. It is clean, odorless and easy to apply. Lb. 15c.; 10 lbs. 95c.; 25 lbs. $1.70; 100 lbs. $4.85.

ELECTRA PLANT FOOD

A most unique combination of the old and the new. The organics are supported by newer organics of the complete food type, all properly balanced and primed for quick and complete action. No expense has been spared in producing the best plant food that America has ever known. 4 lbs. $1.25; 20 lbs. $3.75; 80 lbs. $9.95.

WEDO 6-10-4

The lawn food with 2,4-D, is the truly modern way to easier, better lawn care—dry, granular, convenient to handle. No other lawn food is needed when you apply WEDO. It contains every essential grass-feeding element PLUS weed-killing 2,4-D. WEDO is tested and proved by many thousands of home owners. Apply 15 lbs. to 1000 sq. ft. 25 lbs. $2.75; 50 lbs. $4.50; 100 lbs. $7.95.

WIZARD BRAND COW AND SHEEP MANURES

These concentrated Manures are dehydrated and absolutely weedless. They supply an abundance of humus and all the essential plant-food elements needed to make plants thrive. They are safe for all plants under glass and are convenient and very effective for mixing compost for bench or potting soil. You'll find Wizard unexcelled for lawns, flowers, vegetables, shrubs and trees. Avoid leached-out, inferior manures. Order genuine Wizard Brand for results. 5 lbs. 65c.; 10 lbs. $1.10; 25 lbs. $1.60; 50 lbs. $2.80; 100 lbs. $5.45.

FARMANURE

Cattle manure, blended with peat moss. Supplies the turf with a feeding in 100 percent organic form, as well as necessary peat which helps to retain moisture. Especially good when used in making new lawns and top dressing rose beds, flowers, trees and shrubs. 7½ lbs. 75c.; 25 lbs. $1.50; 50 lbs. $2.50.

GOLD TAG DAHLIA FOOD 4-8-12

Just like roses and acid-loving plants, Dahlias need special plant food to produce strong plants and beautiful blooms. GOLD TAG DAHLIA FOOD is specially formulated for this purpose. 5 lbs. 55c.; 10 lbs. 95c.; 25 lbs. $1.75; 100 lbs. $5.45.

FIESTAR

Fiestar is NEW—the multi-purpose soil treatment! Plant stimulant, soil conditioner, insecticide, soil inoculant, crab grass preventive—all in one *easy-to-use* package!

Fiestar as a new process material is not to be confused with chemical fertilizers which are readily leached from the soil. Fiestar is a long-term plant food investment, scientifically balanced to provide such trace elements as calcium, cobalt, copper, iron, magnesium, titanium and tin. 50 lbs. $5.95; 25 lbs. $3.65; 10 lbs. $2.00.

Fiestar

THE MULTI-PURPOSE SOIL TREATMENT

FOLIUM 20-20-20

The amazing new water-soluble fertilizer that starts feeding your lawn and plants instantly . . . through the leaves! Ideally formulated for your home gardening and lawn care.

No digging, no waiting . . . spray it with a hose. FOLIUM contains all three basic plant-food elements: nitrogen, phosphorus, potassium. FOLIUM is a special, quick-dissolving, pure mineral plant food, developed by Monsanto, to give you greener lawns and a better garden faster. 2 ozs. 25c.; lb. $1.25; 5 lbs. $4.50. Write for prices on larger quantities.

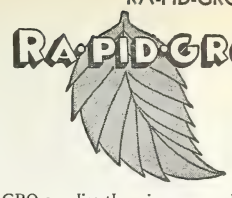
CALCIUM CHLORIDE

ABSORBS DAMPNESS. Calcium Chloride has property of absorbing moisture from the air to prevent damage caused by excessive humidity, condensation, mold, mildew and warping. The Air Dryette, Jr., an inexpensive applicator in using Calcium Chloride in basement, game rooms, workshops and similar places is also available. Calcium Chloride, 25 lbs. $1.15; 100 lbs. $3.45. Air Dryette, Jr. $7.95.

ES-MIN-EL

A carefully balanced and easily soluble mixture of mineral elements needed by fruits, vegetables, and field crops for healthy and profuse growth. 5-lb. bag $1.50; 100 lbs. $16.00.

RA-PID-GRO 23-21-17



RA-PID-GRO contains many elements and trace elements which plants require in order to produce good growth. The trace elements originally in the soil have been depleted by continuous cropping. The plants, in many instances, require only very small amounts of these trace elements. RA-PID-GRO supplies them in very small amounts, so it should be fed regularly during the growing season. RA-PID-GRO, in liquid solution, is readily accepted by the plant roots or foliage. Therefore, RA-PID-GRO in liquid form, fed according to directions during dry spells in the growing season, is doubly beneficial. 6 ozs. 50c.; 8 ozs. 75c.; lb. $1.30; 2 lbs. $2.50; 5 lbs. $4.75. Prices on larger quantities on request.

LAWN AND GARDEN CYANAMID

SAY IT "CY-ANA-MID"

If you want a garden or seed bed free of weed seeds, the use of AERO GARDEN CYANAMID is highly recommended, if used in accordance with the directions on the bag. Aero Garden Cyanamid is double purpose; it not only kills the weed seed but also leaves nitrogen in the soil to insure better and healthier plants. 10 lbs. $1.85; 25 lbs. $3.75; 50 lbs. $6.50.

Prices on larger quantities on request.

Garden Books

10,000 Garden Questions. Edited by F. F. Rockwell. Actual questions on gardening problems answered by 15 experts. $4.95.

How to Grow Roses. By J. Horace McFarland and Robert Pyle. $2.95.

Azaleas, Kinds and Culture. By H. Harold Hume. $5.00.

The Nursery Manual. By L. H. Bailey. $5.75.

Perennials for Every Garden. By Helen Van Pelt Wilson. $3.95.

The Complete Book of African Violets. By Helen Van Pelt Wilson. $3.50.

The Gardener's ABC of Pest and Disease. By A. W. Dimock. $2.95.

Landscape with Shrubs and Small Flowering Trees. By Mary Deputy Lamson. $3.50.

The New Book of Lilies. By Jan de Graaff. $3.50.

Iris for Every Garden. By Sydney B. Mitchell. $3.50.

Greenhouse Gardening for Everyone. By Ernest Chabot. $4.75.

BE SURE TO INCLUDE POSTAGE FOR ALL ITEMS NOT MARKED POSTPAID

Parcel Post Rates

Pounds	Local	1st & 2nd Zones Up to 150 mi. from D. C.	3rd Zone, 150 to 300 miles.	4th Zone, 300 to 600 miles.	5th Zone, 600 to 1000 miles.	6th Zone, 1000 to 1400 miles.	7th Zone, 1400 to 1800 miles.	8th Zone, over 1800 miles.
1	$0.18	$0.23	$0.23	$0.24	$0.26	$0.28	$0.30	$0.32
2	.20	.27	.29	.31	.36	.40	.46	.51
3	.21	.31	.34	.38	.45	.52	.61	.69
4	.23	.35	.39	.45	.54	.64	.76	.87
5	.24	.39	.44	.52	.63	.76	.91	1.05
6	.26	.43	.49	.59	.73	.88	1.06	1.23
7	.27	.47	.54	.66	.82	1.00	1.22	1.41
8	.29	.51	.60	.73	.91	1.12	1.37	1.59
9	.30	.55	.65	.80	1.00	1.24	1.52	1.77
10	.32	.59	.70	.87	1.10	1.36	1.67	1.95
11	.33	.63	.75	.93	1.19	1.48	1.82	2.13
12	.34	.67	.80	1.00	1.28	1.60	1.98	2.31
13	.36	.71	.85	1.07	1.37	1.72	2.13	2.49
14	.37	.75	.90	1.14	1.47	1.84	2.28	2.67
15	.39	.79	.96	1.21	1.56	1.96	2.43	2.85
16	.40	.83	1.01	1.28	1.65	2.08	2.58	3.03
17	.42	.87	1.06	1.35	1.74	2.20	2.74	3.21
18	.43	.91	1.11	1.42	1.84	2.32	2.89	3.39
19	.45	.95	1.16	1.49	1.93	2.44	3.04	3.57
20	.46	.99	1.21	1.56	2.02	2.56	3.19	3.75
21	.47	1.02	1.26	1.62	2.11	2.67	3.34	3.93
22	.49	1.06	1.32	1.69	2.21	2.79	3.50	4.12
23	.50	1.10	1.37	1.76	2.30	2.91	3.65	4.30
24	.52	1.14	1.42	1.83	2.39	3.03	3.80	4.48
25	.53	1.18	1.47	1.90	2.48	3.15	3.95	4.66
26	$0.55	$1.22	$1.52	$1.97	$2.58	$3.27	$4.10	$4.84
27	.56	1.26	1.57	2.04	2.67	3.39	4.26	5.02
28	.58	1.30	1.63	2.11	2.76	3.51	4.41	5.20
29	.59	1.34	1.68	2.18	2.85	3.63	4.56	5.38
30	.61	1.38	1.73	2.25	2.95	3.75	4.71	5.56
31	.62	1.42	1.78	2.31	3.04	3.87	4.86	5.74
32	.63	1.46	1.83	2.38	3.13	3.99	5.02	5.92
33	.65	1.50	1.88	2.45	3.22	4.11	5.17	6.10
34	.66	1.54	1.93	2.52	3.32	4.23	5.32	6.28
35	.68	1.58	1.99	2.59	3.41	4.35	5.47	6.46
36	.69	1.62	2.04	2.66	3.50	4.47	5.62	6.64
37	.71	1.66	2.09	2.73	3.59	4.59	5.78	6.82
38	.72	1.70	2.14	2.80	3.69	4.71	5.93	7.00
39	.74	1.74	2.19	2.87	3.78	4.83	6.08	7.18
40	.75	1.78	2.24	2.94	3.87	4.95	6.23	7.36
41	.76	1.81	2.29	3.00	3.96	5.06	6.38	7.54
42	.78	1.85	2.35	3.07	4.06	5.18	6.54	7.73
43	.79	1.89	2.40	3.14	4.15	5.30	6.69	7.91
44	.81	1.93	2.45	3.21	4.24	5.42	6.84	8.09
45	.82	1.97	2.50	3.28	4.33	5.54	6.99	8.27
46	.84	2.01	2.55	3.35	4.43	5.66	7.14	8.45
47	.85	2.05	2.60	3.42	4.52	5.78	7.30	8.63
48	.87	2.09	2.66	3.49	4.61	5.90	7.45	8.81
49	.88	2.13	2.71	3.56	4.70	6.02	7.60	8.99
50	.90	2.17	2.76	3.63	4.80	6.14	7.75	9.17

Shipments of over 50 lbs. in weight will be sent by express or freight with shipping charges collect unless instructed otherwise.

INDEX

Parcel Post Rates ..... Page 69

Order Blanks ..... Page Inside front cover
Planting Charts ..... Page 17,18,33

Flower Seeds

Ageratum 3
Alyssum 3
Amaranthus 3
Anchusa 3
Annual Flower Garden ..17
Antirrhinum 14,15
Arabis 3
Asters 4
Aubrieta 4

Bachelor's Button 4
Balsam 5
Bells of Ireland 5
Blue Lace Flower 5

Calendula 5
Calliopsis 5
Candytuft 5
Canterbury Bells 5
Cardinal Climber 5
Carnation 5
Celosia 6
Centaurea 4
Cineraria 6
Chrysanthemum 6
Clarkia 6
Cleome 6
Cobæa 6
Coleus 6
Columbine 6
Coreopsis 7
Cosmos 6,7
Cynoglossum 7
Cypress Vine 7

Dahlia 7
Daisies 7
Delphinium 7
Dianthus 13
Dusty Miller 8

Euphorbia 8

Feverfew 8
Forget-Me-Not 8
Four o'Clock 8
Foxglove 8

Gaillardia 8
Geranium 8
Gilia 8
Godetia 8
Gomphrena 8
Gourds 8
Gypsophila 8

Hearts and Honey Vine ..8
Helichrysum 9
Heliotrope 9
Hibiscus 9
Hollyhocks 9
Hunnemannia 9
Hyacinth Bean 9

Kochia 9
Kudzu Vine 9

Lantana 9
Larkspur 9
Linum 9
Lobelia 10
Lunaria 10
Lupinus 10

Marigolds 10,11
Mignonette 11
Morning-Glory 11

Nasturtiums 11
Nemesia 11
Nemophila 12
Nicotiana 12
Nierembergia 12
Nigella 12

Pansies 12
Petunias 12,13
Phlox 13
Physalis 13
Pinks 13
Poppies 13
Portulaca 13
Primula 14
Pyrethrum 14

Ricinus 14
Rock-Garden Annuals ..14

Salpiglossis 14
Salvia 14
Scabiosa 14
Scarlet Runner Bean 15
Snapdragon (Antirrhinum) 14,15
Statice 15
Stocks 15
Sunflower 15
Sweet Peas 15
Sweet Sultan 15
Sweet William 15

Thunbergia 16
Tithonia 16
Torenia 16
Tritoma 16

Verbena 16
Vinca 16
Viola 16

Wallflower 16

Zinnia 16,17

Vegetables

Artichoke 18
Asparagus 18
Asparagus Roots 18

Beans 18,19,20
Beets 20
Broccoli 21
Brussels Sprouts 21

Cabbage 21
Cabbage, Chinese 22
Cantaloupe 26
Carrots 22
Cauliflower 22
Celeriac 23
Celery 22
Chard, Swiss 21
Chicory 23
Collards 23
Corn, Pop 23
Corn Salad 24
Corn, Sweet 23
Cress 24
Cucumber 24

Eggplant 24
Endive 24

Hanover Salad 24
Herbs 31

Kale (Borecole) 25
Kohl-rabi 25

Leek 25
Lettuce 25,26

Mangel-Wurzel 21
Mushroom Spawn 26
Muskmelon 26
Mustard 27

Okra 27
Onions & Sets 27

Parsley 27
Parsnip 27
Peanuts 28
Peas 28
Peppers 27
Potatoes 29
Pumpkin 29

Radishes 29
Rape 29
Rhubarb 29
Rutabaga 31

Salsify (Oyster Plant) ..30
Sorrel 29
Soy Beans, Edible 20
Spinach 30
Squash 30

Tobacco 30
Tomato 30,31
Turnips 31

Watermelon 26

Grass and Field Seeds

Barley 33
Black-Eyed Peas 33
Buckwheat 33

Canada Field Peas 33
Clover 32
Corn, Broom 33
Corn, Field 32
Corn, Kaffir 33
Cowpeas 33

Forage Seed 32,33

Grass, Pasture 32
Grass Seed, Lawn, 2nd cov., 1
Lespedeza 32
Oats 33

Rye 33

Sorghum 33
Soy Beans 33

Wheat 33

Nursery Stock

Blackberry Plants 40
Blueberry Plants 40
Boysenberry Plants 40

Camellias 37
Chrysanthemums 38
Evergreen Shrubs 40

Flowering Shrubs 39

Grape-Vines 40
Ground-Covers 40

Hedge Plants 39

Perennial & Biennial Plants 35–37

Raspberry Plants 40
Roses 34

Strawberry Plants 41

Trees, Evergreen 40
Trees, Fruit 40
Trees, Ornamental 39
Trees, Shade 39
Vines 37

Bulbs and Roots

Achimenes 42
Amaryllis, Hardy 42

Begonias 42

Caladiums 42
Cannas 43
Cinnamon Vine 42

Dahlias 44

Gladiolus 43
Gloriosa 42
Gloxinias 42

Hyacinthus 42

Madeira Vine 42
Montbretia 42

Peruvian Daffodil 42

Tigridia 42
Tuberoses 42

Poultry and Barn Supplies and Equipment

Baby Chicks 46
Bag Balm 50
Baskets, Egg 50
Boxes, Egg 48
Brooders 46
Brooder Supplies 50
Bulbs, Violet Light 50

Carbola 50
Carbolineum 50
Catchers, Poultry 50
Cel-O-Glass 50
Chick Starter 46
Chick Tablets 50
Cod Liver Oil 50
Crates, Egg 48

Disinfectants 49,50

Eggs, Nest 50
Egg Preservative 50

Feeders, Hog 48
Feeders, Poultry 47
Feeds, Poultry 47,48
Fillers, Egg Case 48
Fountains 48

Incubators 50

Killing Cones 50
Knives, Poultry 50

Leg Bands 50

Nests, Laying 47

Punches, Toe 50
Putty, Water 50

Remedies, Lederle 49
Remedies, Lee's 49
Remedies, Pratt's 49
Remedies & Supplies, Misc. 50

Salt Spools 50
Scales, Egg 48
Scoops, Feed & Seed 50
Scrapers, Coop 50
Tank, Stock 48
Testers, Egg 48
Thermometers 50
Thermostats, Wafer 50
Time Switch 50
Trough, Chick 47
Troughs, Hog 48
Valve, Float 48
Water Warmer 48

Implements, Tools, Insecticides, Fertilizers, etc.

Activo 67
Adco 67
Aerating Tools 59
Airwrap 67
Arbor 57
Asparagus Knives 63
Axes 63

Bee Supplies 64
Bird Baths, Feeders, Foods, Houses 45
Books 69
Buckets 64

Carts 64
Centrospray 56
Compo 67
Cream, Hand 53
Cultivators 51
Cyanamid 69

Dibbles 64
Disks, Flying 53
Dusters 55

Fence, Wire 65
Fertilizer, Distributors 53,54
Fertilizers .. 1,34,66,67,68,69
Fiestar 69
Flame-Gun 52
Flower Pots 57
Folium 69
Forks 62
Fruitone 53
Fungicides 60–62

Garden Tools 63
Gates 65
Gloves 53
Grass Barrier 64
Grass Catcher 59
Grass Edger 58,59
Grass Shears 59
Gro-Stuf 67
Ground Soaker 55

Heater, Electric Bed 52
Hedge Trimmers 59
Hoes 63
Hose, Garden 54
Hose Master 54
Hose Reels 54
Hotbed Sash 64
Hotkaps 53
Hyper-Humus 67
Hyponex 67

Insecticides 60–62
Insect-O-Gun 55

Killer Kane 53

Labels 57
Leaf Mill 64
Lime Spreader 52,53

Mail Boxes 63
Manure 68
Mattocks 63
Milorganite 67
Mowers 58,59

Nails, Wall 52
Neegards 53
Nitragin 52
Nozzles, Hose 54

Peat Moss 67
Planet Jr. Tools 51
PlanTabbs 67
Planters 52,63
Plantray 52
Plant Setter 52
Plant-ties 57
Plows 51
Plow Lines 64
Post-Hole Diggers 65
Potato Hooks 62
Pots, Flower 57
Pruners 52
Pruning Shears 59
Pyramid Garden 41

Rakes 63
Repellents, Animal ..61,62
Rollers 59
Roofing 64
Root Feeders 54
Rootone 53

Saucers 57
Saws, Cross-Cut 52
Saws, Pruning 52
Scythes 63
Seed Bed Heater 52
Seeders 51,52
Seed-Grower Box 53
Shears 59
Shovels 63
Shredders, Soil 65
Sickles 63
Snathes 63
Soil, African Violet 67
Soil Conditioners 69
Soil-Test Kits 51
Spades 63
Sphagnum Moss 67
Spike Tamp 52
Sprabulb 55
Sprayers 54,55
Sprays 63
Spreaders, Fertilizer .. 52–54
Sprinklers 54,55
Sprinkler Cans 51
Stakes, Lawn 65
Stakes, Plant 57
Staples 65

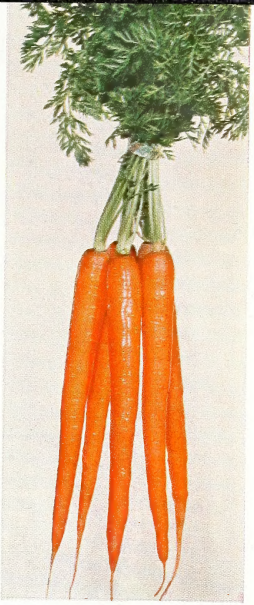
Tobacco Spear 64
Tractors 56
Train-Etts 53
Transplantone 53
Traps, Beetle 64
Traps, Mole 64
Tree Pruner 52
Trellis 57
Trimmer 59
Trowels 63
Tubs, Plant 57
Twine 52,64
Twist-Ems 57

Vermiculite 67
Vertagreen 68
Vigoro 68
Vine Supports 57
Vita-Bands 52

Weeders 63
Weed Killers 62
Wheelbarrows 64
Wickets 57,65
Window Boxes 57
Wire 65

VEGETABLE SEEDS
That Succeed

RADISH CHAMPION 1957 WINNER
Pkt. 25c.; oz. 50c.

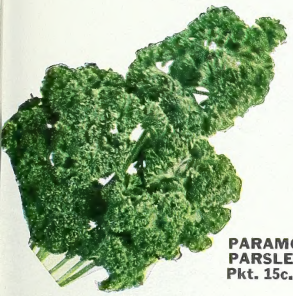


GOLD PAK CARROT
Pkt. 25c.

FORDHOOK 242 BUSH LIMA BEAN
Pkt. 15c.

These health-giving vegetables are a necessity to most everyone. Read about them in the vegetable section of this catalog.

TOPCROP BEAN
Pkt. 15c.



PARAMOUNT PARSLEY
Pkt. 15c.

GREAT LAKES LETTUCE. Pkt. 15c.

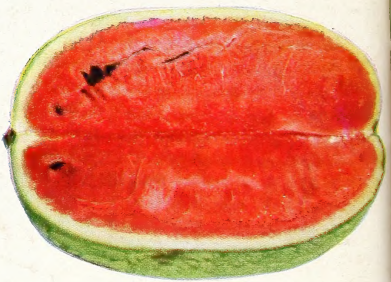
PERFECTED DETROIT DARK RED BEET. Pkt. 15c.

HYBRID SENSATION TOMATO. Pkt. 35c.

PRINTED IN U.S.A.

HYBRID CUCUMBER, SENSATION. Pkt. 25c.

7 CHOICE VEGETABLES
for Your Garden



WATERMELON,
NEW HAMPSHIRE MIDGET
Pkt. 15c.

CORN, IOCHIEF
Pkt. 20c.

PEPPER, YOLO WONDER
Pkt. 15c.

EGGPLANT, BLACK BEAUTY
Pkt. 15c.

PEA,
EARLY BIRD
Pkt. 15c.

RHUBARB, VICTORIA
Pkt. 15c.

F. W. BOLGIANO & CO., Inc.

411 New York Ave. N.E.-Tel. Lincoln 7-4800
1220 H Street, N.W.-Tel. National 8-0091

WASHINGTON 2, D. C.